THE DAILY WEATHER REPORT

79

(INTRODUCTION)

1st April to 30th June, 1977

Stations published in the Daily Weather Report

METEOROLOGICAL OFFICE
Bracknell, Berkshire

1. HISTORY

A brief history of changes in contents and format between 1st April, 1919, and December, 1949, will be found in the introduction to the British Section for 1st October to 31st December, 1949. On 1st January, 1950, the British and International Sections of the former Report, which had been issued in three sections since 1919, were combined in a single publication, the present Daily Weather Report. At the same time, the third section was published separately with the title of Daily Aerological Record. A number of changes in meteorological codes and specifications were introduced on 1st January, 1955, and incorporated in the Report. Changes in format introduced on 1st July, 1955, provided for the elements of station and ships' observations to be given in the order of the appropriate meteorological code and for some modification of the scales and projections of charts. On 1st January, 1961, the Celsius scale was adopted for reporting surface temperatures. On 1st January, 1967, the metric system was adopted for all references to heights and distances. Certain changes relating to position and wave groups in the Ship-Code were introduced on 1st January, 1968.

2. FORM OF PRESENTATION

(i) **Observations.**—Pages 1 and 4 of the Daily Weather Report contain reports for the four main hours of observation from a representative number of stations in Great Britain and Ireland which provide full reports together with a selection of reports from ocean weather stations for the same hours. In addition, Beaufort letters (Table 20), mainly describing precipitation, are given for each of the four six-hourly periods, together with reports of maximum and minimum temperature, sunshine, rainfall and state of ground (Table 13), in respect of the land stations listed. Explanations of the codes and specifications used are given below.

(ii) **Charts.**—Page 2 contains a chart of the weather in a large part of the northern hemisphere for mid-day of the previous day. Page 3 contains charts of slightly larger scale, for the British Isles and Western Europe, for 1800 h. of the previous day and for 0000 h and 0600 h on the day of issue.

2. FORM OF PRESENTATION (continued)

(iii) **General Synoptic Development.**—Below the weather charts on page 3 will be found a statement which describes the main features in the evolution of the synoptic situation over the United Kingdom during the preceding 24 hours together with an indication of the manner in which it is expected to develop.

3. NOTES

(i) **Standard of Time.**—Greenwich Mean Time is exclusively used throughout the Report.

(ii) **Temperature.**—On pages 1 and 4 temperature is specified in whole degrees Celsius, negative temperatures being coded by removing the minus sign and adding 50. Equivalent values in degrees Fahrenheit can be obtained by reference to the table printed between these pages. See also note under PPP TT in para. 4 below.

(iii) **Adjusted Readings.**—Where an instrumental reading is found to be in error and some adjustment is necessary, the adjusted reading is published in brackets thus (59).

(iv) **Rainfall Readings in Eire.**—The rainfall totals for stations in Eire are for the periods
18h—06h, reported at 0900h.
06h—18h, reported at 2100h.

(v) Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Practice of Weather Forecasting" which may be purchased from H.M. Stationery Office, 49 High Holborn.

(vi) Correction sheets will be issued weekly. These will contain corrected observations, where appropriate, for all stations with the exception of the following:—stations in Eire, Cape Wrath, Sule Skerry, Mull of Galloway, Kilnsea, Guernsey, Scilly, Hartland Point.

4. EXPLANATION OF CODES AND SPECIFICATIONS

CODE FM 11 V—Land Stations							
N dd ff	VV ww W	PPP TT	N_h C_L h C_M C_H	T_d T_d a pp	$8N_s$ C h_sh_s	RRT_xT_xE RRT_nT_nE	sss T_gT_g
N = Total amount of cloud in eighths (Table 1). dd = Wind direction on scale 01–36 (see also Table 2). ff = Wind speed in knots.	VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).	PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Celsius. *Note*:—In reports from ocean weather stations (FM 21V) only the tens and units figure of air temperature are reported. The tenths figure is reported by t_T.	N_h = Fraction of celestial dome covered by C_L (or C_M if no C_L). C_L = Form of low cloud (Table 6). h = Height above ground of base of lowest cloud (Table 9). C_M = Form of Medium Cloud (Table 7). C_H = Form of high cloud (Table 8).	T_dT_d = Dew point temperature in whole degrees Celsius. a = Characteristic of barometric tendency (Table 10). pp Barometric tendency (change of pressure in last three hours in tenths of millibars).	8 = Indicator figure. N_s = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h_sh_s = Height of base of cloud (Table 12).	RR = Rainfall (Table 19) (Code 3577) (09h–21h) (21h–09h). T_xT_x = Maximum temperature in whole degrees Celsius (09h–21h). T_nT_n = Minimum temperature in whole degrees Celsius (21h–09h).	T_gT_g = Minimum temperature on grass in whole degrees Celsius (21h–09h). sss = Duration of sunshine (in hours and tenths) E = State of ground (Table 13) (Code 0900) (at 21h and 09h).

CODE FM 21 V—Ships								
$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Followed by first four groups as in **FM 11 V** above.	D_s v_s a pp	O T_sT_s T_dT_d	$1T_wT_wT_wt_T$.	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
99 = Indicator group. $L_aL_aL_a$ = Latitude in tenths of a degree.	Q_c = Quadrant of the globe (Table 17). $L_oL_oL_oL_o$ = Longitude in tenths of a degree.	YY = Day of the month. GG = Actual time to the nearest whole hour G.M.T. i_w = Wind indicator (Table 18).		D_s = Direction of movement of ship (Table 14). v_s = Speed of ship in knots (Table 15). a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	O = Indicator figure. T_sT_s = Difference between air temperature and sea temperature in ½ degree Celsius. (If the air temperature is less than the sea temperature, 50 is added to the difference.) T_dT_d = Dew point temperature in whole degrees Celsius.	1 = Indicator figure. $T_wT_wT_w$ = Sea surface temperature in tenths of a degree Celsius. For negative temperatures 500 is added. t_T = The tenths figure of the air temperature.	3 = Indicator figure. P_wP_w = Period of waves in seconds. H_wH_w = Height of the waves in units of 0·5 metre. This group refers to wind waves. If there is a swell with no wind waves this group is reported as 3/00.	d_wd_w = Direction (in tens of degrees) from which waves come. P_w Period of waves (Table 16). H_wH_w Height of the waves in units of 0·5 metre. This group is used to report swell when it is possible to make a clear distinction between swell and wind waves.

Table 1.—Code for Cloud Amount (N, N_h, N_s)

0 = None.

1 = 1 eighth of sky covered or less, but not zero.

2 = 2 eighths of sky covered.

3 = 3 eighths of sky covered.

4 = 4 eighths of sky covered.

5 = 5 eighths of sky covered.

6 = 6 eighths of sky covered.

7 = 7 eighths of sky covered or more, but not 8 eighths.

8 = 8 eighths (sky completely covered).

9 = Sky obscured or cloud amount cannot be estimated.

Note.—"Trace" would be included under Figure 1, which should be used for amounts up to 1/8th (i.e., not up to 3/16ths). "Overcast but with openings" would be included under Figure 7, which should be used for amounts down to 7/8ths (i.e., not down to 13/16ths).

Table 2.—Degrees and Code Figures (dd) corresponding to compass directions

Direction (Compass Points)	Exact equivalent in degrees	Code figures dd	Direction (Compass Points)	Exact equivalent in degrees	Code figures dd
Calm	—	00			
N'E.	11¼	01	S'W.	191¼	19
NNE.	22½	02	SSW.	202½	20
NE'N.	33¾	03	SW'S.	213¾	21
NE.	45	05	SW.	225	23
NE'E.	56¼	06	SW'W.	236¼	24
ENE.	67½	07	WSW.	247½	25
E'N.	78¾	08	W'S.	258¾	26
E.	90	09	W.	270	27
E'S	101¼	10	W'N.	281¼	28
ESE.	112½	11	WNW.	292½	29
SE'E.	123¾	12	NW'W.	303¾	30
SE.	135	14	NW.	315	32
SE'S.	146¼	15	NW'N.	326¼	33
SSE.	157½	16	NNW.	337½	34
S'E.	168¾	17	N'W.	348¾	35
S.	180	18	N.	360	36

Variable, or all directions, or unknown, or waves confused, direction indeterminate 99

Note.—The direction to be observed is "true" not "magnetic"

Table 3.—Code for Visibility—(VV) (Code 4377)

First Code Figure	Second Code Figure 0	1	2	3	4	5	6	7	8	9
	Km									
5	5	*	*	*	*	*	6	7	8	9
6	10	11	12	13	14	15	16	17	18	19
7	20	21	22	23	24	25	26	27	28	29
8	30	35	40	45	50	55	60	65	70	Over 70
	METRES									
9‡	<50	50	200	500	1,000	2,000	4	10	20	50 or over

In the range 01–50 the figures give actual visibility in tenths of kilometres. This table gives the meanings of higher code figures.
†Values not given may be obtained by interpolation.
* Code figures not used.
‡ Decade 90–99 is used when visibility cannot be determined with sufficient accuracy to justify lower code figures.

Table 4.—Code for Past Weather (W) (Code 4500)

0 = Cloud covering ½ or less of the sky throughout the appropriate period.
1 = Cloud covering more than ½ of the sky during part of the appropriate period and covering half or less during part of the period.
2 = Cloud covering more than ½ of the sky throughout the appropriate period.
3 = Sandstorm, duststorm or blowing snow.
4 = Fog, ice fog or thick haze (visibility less than 1000 m.).
5 = Drizzle.
6 = Rain.
7 = Snow, or rain and snow mixed.
8 = Shower(s)
9 = Thunderstorm(s) with or without precipitation.

The code for W covers the weather occurring during the last six hours.

Table 5.—Code for Present Weather (ww) (Code 4677)

00–19 No precipitation at the station at the time of observation.	00	Cloud development not observed.
	01	Clouds generally dissolving or becoming less developed.
	02	State of sky on the whole unchanged.
	03	Clouds generally forming or developing.
		(00–03: Characteristic change of the state of the sky during the past hour.)
	04	Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.
	05	Haze
	06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation
	07	Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen; or in the case of ships, blowing spray at the station.
	08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour, but no duststorm or sandstorm.
	09	Duststorm or sandstorm within sight of the station or at the station during the preceding hour.
	10	Mist.
	11	Shallow fog or ice fog, in patches.
	12	Shallow fog or ice fog, more or less continuous.
		(11–12: Fog not deeper than about 2 metres on land or 10 metres at sea.)
	13	Lightning visible, no thunder heard.
	14	Precipitation within sight, not reaching the ground or the surface of the sea.
	15	Precipitation within sight, reaching the ground or the surface of the sea but distant (estimated to be more than 5 km) from the station.
	16	Precipitation within sight reaching the ground or the surface of the sea near to but not at the station.
	17	Thunderstorm, but no precipitation at time of observation.
	18	Squalls.
	19	Funnel cloud(s)†
		(18–19: at or within sight of the station during the preceding hour or at the time of observation.)
20–29 Precipitation, fog or thunderstorm at station during the last hour but not at time of observation.	20	Drizzle (not freezing), or snow grains.
	21	Rain (not freezing).
	22	Snow.
	23	Rain and snow or ice pellets type (a).
	24	Freezing drizzle or freezing rain.
		(20–24: Not falling as shower(s).)
	25	Shower(s) of rain.
	26	Shower(s) of snow, or of rain and snow.
	27	Shower(s) of hail*, or of hail and rain.
	28	Fog or ice fog.
	29	Thunderstorm (with or without precipitation).
30–39 Duststorms, Sandstorms, drifting or blowing snow.	30	Slight or moderate duststorm or sandstorm. — has decreased during preceding hour.
	31	Slight or moderate duststorm or sandstorm. — no appreciable change during preceding hour.
	32	Slight or moderate duststorm or sandstorm. — has begun or has increased during preceding hour.
	33	Severe duststorm or sandstorm. — has decreased during preceding hour.
	34	Severe duststorm or sandstorm. — no appreciable change during preceding hour.
	35	Severe duststorm or sandstorm. — has begun or has increased during preceding hour.
	36	Slight or moderate drifting snow.
	37	Heavy drifting snow.
		(36–37: generally low.)
	38	Slight or moderate blowing snow.
	39	Heavy blowing snow.
		(38–39: generally high.)
40–49 Fog or ice fog at time of observation.	40	Fog or ice fog at a distance at the time of observation, but not at the station during the last hour, the fog or ice fog extending to a level above that of the observer.
	41	Fog or ice fog in patches.
	42	Fog or ice fog, sky discernible.
	43	Fog or ice fog, sky not discernible.
		(42–43: has become thinner during the preceding hour.)
	44	Fog or ice fog, sky discernible.
	45	Fog or ice fog, sky not discernible.
		(44–45: no appreciable change during the preceding hour.)
	46	Fog or ice fog, sky discernible.
	47	Fog or ice fog, sky not discernible.
		(46–47: has begun, or has become thicker during the preceding hour.)
	48	Fog, depositing rime, sky discernible.
	49	Fog, depositing rime, sky not discernible.
50–59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent.
	51	Drizzle, not freezing, continuous.
		(50–51: slight at time of observation.)
	52	Drizzle, not freezing, intermittent.
	53	Drizzle, not freezing, continuous.
		(52–53: moderate at time of observation.)
	54	Drizzle, not freezing, intermittent.
	55	Drizzle, not freezing, continuous.
		(54–55: heavy (dense) at time of observation.)
	56	Drizzle, freezing, slight.
	57	Drizzle, freezing, moderate or heavy (dense).
	58	Drizzle and rain, slight.
	59	Drizzle and rain, moderate or heavy.
60–69 Rain at time of observation.	60	Rain, not freezing, intermittent.
	61	Rain, not freezing, continuous.
		(60–61: slight at time of observation.)
	62	Rain, not freezing, intermittent.
	63	Rain, not freezing, continuous.
		(62–63: moderate at time of observation.)
	64	Rain, not freezing, intermittent.
	65	Rain, not freezing, continuous.
		(64–65: heavy at time of observation.)
	66	Rain, freezing, slight.
	67	Rain, freezing, moderate or heavy.
	68	Rain or drizzle, and snow, slight.
	69	Rain or drizzle and snow, moderate or heavy.
70–79 Solid precipitation not in showers.	70	Intermittent fall of snow flakes.
	71	Continuous fall of snow flakes.
		(70–71: slight at time of observation.)
	72	Intermittent fall of snow flakes.
	73	Continuous fall of snow flakes.
		(72–73: moderate at time of observation.)
	74	Intermittent fall of snow flakes.
	75	Continuous fall of snow flakes.
		(74–75: heavy at time of observation.)
	76	Ice prisms (with or without fog).
	77	Snow grains (with or without fog).
	78	Isolated starlike snow crystals (with or without fog).
	79	Ice pellets type (a).
80–90 Showery precipitation	80	Rain shower(s), slight.
	81	Rain shower(s), moderate or heavy.
	82	Rain shower(s), violent.
	83	Shower(s) of rain and snow, slight.
	84	Shower(s) of rain and snow, moderate or heavy.
	85	Snow shower(s), slight.
	86	Snow shower(s), moderate or heavy.
	87	Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed.
		(87: slight)
	88	(88: moderate or heavy.)
	89	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.
		(89: slight.)
	90	(90: moderate or heavy.)
91–99 Precipitation with current or recent thunderstorm	91	Slight rain at time of observation.
	92	Moderate or heavy rain at time of observation.
	93	Slight snow, rain and snow mixed, or hail* at time of observation.
	94	Moderate or heavy snow, rain and snow mixed or hail* at time of observation.
		(91–94: thunderstorm during the preceding hour, but not at time of observation.)
	95	Thunderstorm, slight or moderate, without hail* but with rain and/or snow at time of observation.
	96	Thunderstorm, slight or moderate, with hail* at time of observation.
	97	Thunderstorm, heavy, without hail*, but with rain and/or snow at time of observation.
	98	Thunderstorm combined with duststorm or sandstorm at time of observation.
	99	Thunderstorm, heavy, with hail* at time of observation.
		(95–99: thunderstorm at time of observation.)

The expression "at the station" refers to a land station or a ship at the point from which observations are normally taken.

† Tornado cloud or water spout.

* Hail, ice pellets type (b), snow pellets. ICE PELLETS are defined as transparent or translucent pellets of ice, which are spherical or irregular, rarely conical, and which have a diameter of 5 mm. or less. They may be subdivided into two main types.

(a) Frozen raindrops or largely melted and refrozen snowflakes.

(b) Pellets of snow encased in a thin layer of ice. HAIL is defined as small balls or pieces of ice (hailstones) with a diameter ranging from 5 mm. to 50 mm. or sometimes more, falling either separately or agglomerated into irregular lumps.

Table 6.—Code for form of Low Cloud (C_L) (Code 0513)

0 = No stratocumulus, stratus, cumulus or cumulonimbus.

1 = Ragged cumulus other than of bad weather, or cumulus with little vertical extent and seemingly flattened, or both.

2 = Cumulus of moderate or strong vertical extent, generally with protuberances in the form of domes or towers, either accompanied or not by other cumulus or by stratocumulus: all having their bases at the same level.

3 = Cumulonimbus, the summits of which, at least partially, lack sharp outlines, but are neither clearly fibrous (cirriform) nor in the form of an anvil: cumulus, stratocumulus or stratus may also be present.

4 = Stratocumulus formed by the spreading out of cumulus: cumulus may also be present.

5 = Stratocumulus not resulting from the spreading out of cumulus.

6 = Stratus in a more or less continuous sheet or layer, or in ragged shreds, or both, but no stratus fractus of bad weather.

7 = Stratus fractus of bad weather or cumulus fractus of bad weather (pannus), or both; usually below altostratus or nimbostratus. By "bad weather" is meant the conditions which generally exist before, during or after precipitation.

8 = Cumulus and stratocumulus, other than those formed from the spreading out of cumulus: the base of cumulus is at a different level from that of stratocumulus.

9 = Cumulonimbus, the upper part of which is clearly fibrous (cirriform), often in the form of an anvil; either accompanied or not by cumulus, stratocumulus, stratus or pannus.

/ = Stratocumulus, stratus, cumulus and cumulonimbus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena.

Table 7.—Code for form of Medium Cloud (C_M) (Code 0515)

0 = No altocumulus, altostratus or nimbostratus.

1 = Altostratus, the greater part of which is semi-transparent: through this part the sun or moon may be weakly visible as through ground glass.

2 = Altostratus, the greater part of which is sufficiently dense to hide the sun (or moon), or nimbostratus.

3 = Altocumulus, the greater part of which is semi-transparent, and no part of which is crenelated or in cumuliform tufts: the various elements of the cloud change only slowly and are all at a single level.

4 = Patches (often in the form of almonds or fishes) of altocumulus, the greater part of which is semi-transparent; the clouds are at one or more levels and the elements are continually changing in appearance.

5 = Semi-transparent altocumulus in bands or altocumulus in one more or less continuous layer progressively invading the sky: these altocumulus clouds generally are growing denser as a whole. The layer may be opaque or may consist of two or more sheets.

6 = Altocumulus resulting from the spreading out of cumulus.

7 = Any one of the following cases:—

(a) Altocumulus in two or more layers, usually opaque in places and not progressively invading the sky.

(b) Opaque layer of altocumulus not progressively invading the sky.

(c) Altocumulus together with altostratus or nimbostratus or both.

8 = Altocumulus with sprouts in the form of small towers or battlements, or altocumulus having the appearance of cumuliform tufts.

9 = Altocumulus, generally at several levels, in a chaotic sky: dense cirrus is usually also present.

/ = Altocumulus, altostratus and nimbostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

Code 8.—Code for form of High Cloud (C_H) (Code 0509)

0 = No cirrus, cirrocumulus or cirrostratus.

1 = Cirrus in the form of filaments, strands or hooks, not progressively invading the sky (often called "mares' tails").

2 = Dense cirrus, in patches or entangled sheaves, which usually do not increase and sometimes seem to be the remains of the upper part of a cumulonimbus: or cirrus with sproutings in the form of towers or battlements, or having the appearance of cumuliform tufts.

3 = Dense cirrus, often in the form of an anvil; either the remains of the upper parts of a cumulonimbus or parts of distant cumulonimbus, the cumuliform portions of which cannot be seen.

4 = Cirrus in the form of hooks or of filaments, or both, progressively invading the sky: they generally become denser as a whole.

5 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone: in either case, they are progressively invading the sky, and generally growing denser as a whole, but the continuous veil does not reach 45 degrees above the horizon.

6 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone: in either case, they are progressively invading the sky, and generally growing denser as a whole; the continuous veil extends more than 45 degrees above the horizon, without the sky being totally covered.

7 = Veil of cirrostratus completely covering the celestial dome.

8 = Cirrostratus not progressively invading the sky and not completely covering the celestial dome.

9 = Cirrocumulus alone or cirrocumulus accompanied by cirrus or cirrostratus, or both, but cirrocumulus is the predominant cirriform cloud.

/ = Cirrus, cirrocumulus and cirrostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

Table 9.—Code for Cloud Height (h) (Code 1600)

Code figure	Height of base of cloud metres
0	0–50
1	50–100
2	100–200
3	200–300
4	300–600
5	600–1,000
6	1,000–1,500
7	1,500–2,000
8	2,000–2,500
9	Above 2,500
/	Height of base of cloud not known or base of clouds at a level lower and tops at a level higher than that of the station.

Note 1.—If there is no cloud at all code figure 9 is reported.

Note 2.—If there is fog, and the sky is discernible through the fog, the cloud form, height and amount are reported as if no fog were present. If the sky is not discernible through the fog the height of the base of the cloud is reckoned as 0.

Note 3.—Height above ground of the base of cloud. If there is cloud of Form C_L reported, h refers to this cloud. If, however, there is no cloud of Form C_L and there is cloud of Form C_M h refers to this cloud.

Table 10.—Code for Characteristic of Barometric Tendency (a) (Code 0200)

0 = Increasing, then decreasing; atmospheric pressure the same as or higher than 3 hrs ago.

1 = Increasing, then steady; or increasing, then increasing more slowly.

2 = Increasing (steadily or unsteadily).

3 = Decreasing or steady, then increasing; or increasing, then increasing more rapidly.

(1–3: atmospheric pressure now higher than 3 hrs ago.)

4 = Steady, atmospheric pressure the same as 3 hrs ago.

5 = Decreasing, then increasing; atmospheric pressure the same as or lower than 3 hrs ago.

6 = Decreasing, then steady; or decreasing, then decreasing more slowly.

7 = Decreasing (steadily or unsteadily).

8 = Steady or increasing, then decreasing; or decreasing, then decreasing more rapidly.

(6–8: atmospheric pressure now lower than 3 hrs ago.)

Table 11.—Code for Type of Cloud (C) (Code 0500)

0 = Cirrus (Ci).

1 = Cirrocumulus (Cc).

2 = Cirrostratus (Cs).

3 = Altocumulus (Ac).

4 = Altostratus (As).

5 = Nimbostratus (Ns).

6 = Stratocumulus (Sc).

7 = Stratus (St).

8 = Cumulus (Cu).

9 = Cumulonimbus (Cb).

/ = Cloud not visible owing to darkness, fog, duststorm, sandstorm or other analogous phenomena.

Table 12.—Code for Height of Cloud (h_sh_s) (Code 1677)

Code figures 01–50: × 30 = height in metres. Code figures 56–80: − 50 × 3 = height in hundreds of metres.

CODE FIGURES 81–89

Code figures		Metres
81	=	10,500
82	=	12,000
83	=	13,500
84	=	15,000
85	=	16,500
86	=	18,000
87	=	19,500
88	=	21,000
89	=	>21,000

CODE FIGURES 90–99*

Code figures		Metres
90	=	<50
91	=	50–100
92	=	100–200
93	=	200–300
94	=	300–600
95	=	600–1,000
96	=	1,000–1,500
97	=	1,500–2,000
98	=	2,000–2,500
99	=	2,500 or more, or no clouds.

*Only used when cloud height cannot be determined with greater accuracy.

Table 13.—Code for State of Ground (E) (Code 0900)

0 ... Ground dry.
1 ... ,, moist.
2 ... ,, wet.
3 ... ,, frozen.
4 ... Glaze or ice on ground but no snow or melting snow.
5 ... Snow or melting snow (with or without ice) covering less than one half of ground.
6 ... Snow or melting snow (with or without ice) covering more than one-half of ground (but not completely).
7 ... Snow or melting snow (with or without ice) covering ground completely.
8 ... Loose dry snow, dust or sand covering more than one half of ground (but not completely).
9 ... Loose dry snow, dust or sand covering ground completely.

Table 14.—Code for Direction in which Ship has moved (D_s) (Code 0700)

0 = Stationary.
1 = North-east.
2 = East.
3 = South-east.
4 = South.
5 = South-west.
6 = West.
7 = North-west.
8 = North.
9 = No definite direction or unknown.

Table 15.—Code for Speed of Ship (v_s) (Code 4451)

	kt
0 =	0
1 =	1–5
2 =	6–10
3 =	11–15
4 =	16–20
5 =	21–25
6 =	26–30
7 =	31–35
8 =	36–40
9 =	>40

Table 16.—Code for Period of Waves (P_w) (Code 3155)

	sec
0 =	10
1 =	11
2 =	12
3 =	13
4 =	14 or more
5 =	5 or less
6 =	6
7 =	7
8 =	8
9 =	9

Table 17.—Quadrant of the globe (Q_c) (Code 3333)

	Latitude	Longitude
1	North	East
3	South	East
5	South	West
7	North	West

Table 18.—Wind Indicator (i_w) (Code 1855)

0 = wind speed estimated } wind speed in metres per second
1 = wind speed obtained by anemometer } wind speed in metres per second
3 = wind speed estimated } wind speed in knots
4 = wind speed obtained by anemometer } wind speed in knots

Table 19.—Code for Amount of Precipitation (RR) (Code 3577)

	mm
01–55	Amount to the nearest whole millimetre.
56	60
57–90	Add 10 mm for each unit above 56 e.g., 73 = 230 mm
91	0·1
92	0·2
93	0·3
94	0·4
95	0·5
96	0·6
97	Trace (There has been precipitation but amount less than 0·05 mm).
98	>400
99	Measurement impossible or inaccurate.

Table 20.—Explanation of Beaufort Letters (pages 1 and 4)

d = drizzle.
f = fog, visibility 200 metres, or more but less than 1 kilometre.
F = thick fog, visibility less than 200 metres.
h = hail, ice prisms or ice pellets types (a) and (b).
ks = storm of drifting snow.
l = lightning
p = shower(s).
r = rain.
s = snow
rs = rain and snow.
t = thunder.

Intensity is shown by capital letters ("heavy" or "thick") or suffix "o" ("slight"). Continuous precipitation is shown by repeating the letter and intermittent precipitation by the prefix "i". The prefix "j" indicates weather near but not at the station.

5. EXPLANATION OF CHARTS

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside Station circle.

TEMPERATURE is given in degrees C., and is shown on the charts by means of figures alongside the Station circle.

CLOUD SYMBOLS

Clear sky. Sky 1/8 covered. Sky 2/8 covered. Sky 3/8 covered. Sky 4/8 covered. Sky 5/8 covered. Sky 6/8 covered. Sky 7/8 Covered. Sky 8/8 covered. Sky obscured. Missing or doubtful data.

WEATHER SYMBOLS

Rain. Drizzle. Snow. Rain and snow. Hail. Shower. Thunderstorm. Fog. Mist.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced, in the following way—

Warm Front at the surface.
Cold Front at the surface.
Stationary Front.
Axis of trough.
Occluded Front.
Cold front frontogenesis.
Cold front frontolysis.
Warm front frontogenesis.
Warm front frontolysis.

Note.—The symbols are placed on the side of the line towards which the front is moving. Identification letters are inserted in systems.

ALTITUDES OF STATIONS:—The altitudes, in metres, of British and Irish stations are given below. These refer in each case to the datum level of the ground beneath or nearly beneath the thermometer screen. Where the official name of the station differs, this is given in brackets.

Boscombe Down	126	Hartland Point	90	Tynemouth	29	Sule Skerry	13
Hurn (Bournemouth/Hurn Airport)	10	Mount Batten (Plymouth/Mount Batten)	27	Carlisle	26	Cape Wrath	112
		St. Mawgan	103	Valley	10	Stornoway	15
Manston	44	Scilly, St. Mary's	48	Ringway (Manchester Airport)	75	Benbecula	6
Gatwick (London/Gatwick Airport)	59	Culdrose	82	Squires Gate (Blackpool Airport)	10	Tiree	9
Kew	5	Guernsey Airport	104	Ronaldsway (Isle of Man/Ronaldsway Airport)	17	Aldergrove (Belfast/Aldergrove Airport)	69
Heathrow (London/Heathrow Airport)	25	Elmdon (Birmingham Airport)	96	Mull of Galloway	78	Malin Head	20
Honington	49	Cardington	28	Eskdalemuir	242	Belmullet	9
Wattisham	89	Wittering	75	Prestwick (Prestwick Airport)	16	Birr	70
Gorleston	4	Watnall	117	Abbotsinch (Glasgow Airport)	5	Dublin (Dublin Airport)	68
Aberporth	133	Shawbury	72	Leuchars	10	Shannon (Shannon Airport)	2
		Finningley	10	Dyce (Aberdeen/Dyce)	58	Roches Point	40
Filton (Bristol/Filton)	59	Spurn Point	12	Lerwick	82	Valentia (Valentia Observatory)	9
Rhoose (Glamorgan/Rhoose Airport)	67	Leeming	32	Wick	36		

H M S O Press, Bracknell, Berks.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 258

MONTHLY SUMMARY

For JUNE 1977

MOSTLY COOL AND UNSETTLED; DRY AND FAIRLY SUNNY IN THE NORTHWEST

A large anticyclone which covered the British Isles on the 1st and 2nd moved steadily westwards during the 3rd and 4th allowing frontal troughs to penetrate southwards to most districts. A depression moved southeastwards into southern Scandinavia on the 5th and another moved eastwards across central Britain on the 6th. During the next three days this depression moved northeastwards over the North Sea and thence along the west coast of Norway. Secondary lows developed on the cold front trailing across western Europe and, drifting northeastwards, these lows affected much of England and Wales at times between the 10th and 13th. On the 14th, an anticyclone developed to the west of Scotland and low pressure retreated southeastwards into the Continent. During the following week the anticyclone remained to the west of Scotland but from the 21st to the 23rd it drifted southeastwards over the British Isles and subsequently it moved southwards declining steadily. From time to time during the last week of the month, troughs of low pressure from the Atlantic crossed most parts of the British Isles.

It was mostly sunny during the first three days and in some places in Scotland and northern England temperatures rose to around 25°C during the daytime. Nights were cold, however, and there were large daily ranges of temperature. For example, at Tummel Bridge (Tayside) on the 1st, the temperature rose from a minimum of 0°C to a maximum of 24°C. The extreme north of Scotland became cooler and more cloudy on the 2nd and 3rd and during the 4th and 5th, more unsettled weather with rain at times spread southwards over all districts. In the south, the rain early on the 5th was the first to fall in some places for over two weeks. A very wet period ensued. Until the 14th showers or outbreaks of rain occurred frequently in many parts of the United Kingdom. Some of the rainfall was very heavy and thunder and hail occurred at times, particularly over England and Wales. On the 6th over 25 mm of rain fell in parts of southern Scotland. During the evening of the 12th thunderstorms developed over England and Wales and nearly 40mm of rain fell in parts of central southern England. During the night of the 13th/14th, widespread and severe thunderstorms accompanied by heavy rain moved slowly northwestwards over southern and eastern England. There was a report from Huntingdon of a fall of 45mm in 30 minutes. A good deal of flooding occurred and lightening damage was also reported. A lighting stroke disrupted computer operations for a time at the Headquarters of the Meteorological Office in Bracknell (Berkshire). On the afternoon of the 14th, the thunderstorms reached northern England and North Wales but, by that time, they were more scattered and much less intense. It was mostly cool throughout this period and ground frosts occurred frequently, even in southern England. From the 15th to the 20th it was mostly dry, cool and dull in many places, although Northern Ireland and western Scotland were fairly sunny. Little or no sunshine was recorded anywhere in southeast England from the 17th to the 21st, and at Kew Observatory this was the longest period of consecutive days without sunshine in June since records began there in 1880. Northern Britain became warmer on the 21st and on the 22nd and 23rd maximum temperatures of 25°C were recorded at several places. Other parts of the United Kingdom were sunny on the 22nd and 23rd but it remained mostly cool. During the last week there were showers or outbreaks of rain interspersed with bright or sunny periods generally but it remained mostly rather cool. On the 28th, heavy thunderstorms occurred in an area from Devon across the Midlands to Lincolnshire. Hail shattered greenhouses in Exeter and 19mm of rain fell in less than an hour at both Exeter and Boston (Lincolnshire).

Monthly mean temperature were 2 to 3°C below normal in parts of the Midlands and southern England. Elsewhere they were 1 to 2°C below normal.

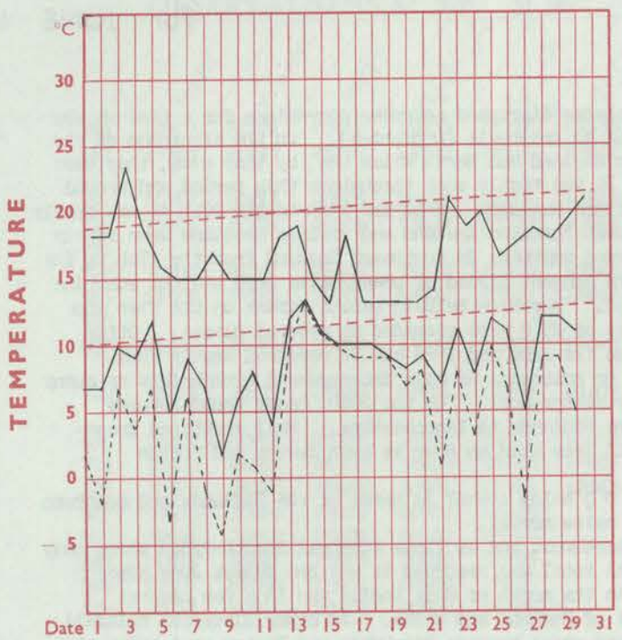
Rainfall was below average in the northwest and at Tiree (Central Strathclyde) where only one third of the average monthly rainfall total was recorded it was the driest June since 1941. Rainfall was also below normal in the north of East Anglia and in a few coastal districts in the southeast and southwest of England and Wales. In other districts rainfall was near or above average and in scattered areas between Edinburgh and Exeter over twice the average rainfall was recorded.

It was a very dull month in parts of eastern and southern Britain. At Southampton it was the second dullest June this century. Sunshine totals were a little above average in Northern Ireland, western Scotland and northwest England and near average elsewhere.

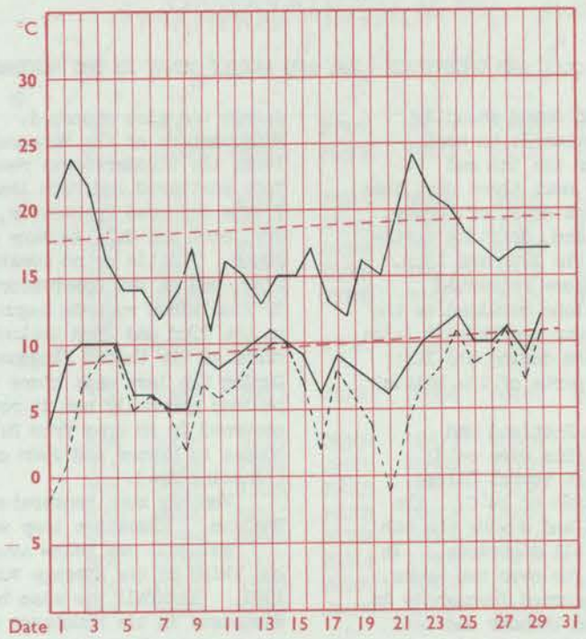
PLACE	TEMPERATURE										SUNSHINE										RAINFALL												
																Highest and lowest totals on record for month										Highest and lowest totals on record for month							
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest minimum °C	Date	No. of days with grass minimum below 0° C	No. of air frosts	Days of no sunshine	Maximum duration hrs.	Date	Total for month hrs.	% of average	First year of record	Highest hrs.	Year	Lowest hrs.	Year	Days of no rainfall (0·1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.) mm.	Date	Total for month mm.	% of average	First year of record	Highest mm.	Year	Lowest mm.	Year	Days with thunder	Days with snow or rain and snow	Days with fog (Vis. < 200 metres at 09 h.)
Kew	16.8	-3.1	08.8	-1.8	22.9	03	01.6	09	06	00	08	13.5	01	141	066	1880	302	1975	105	1909	16	21	13	055	117	1866	183	1903	01	1925	03	00	00
Thorney Island																																	
Cardington	16.7	-3.3	06.9	-2.1	23.4	03	-00.2	01	06	01	04	14.6	01	142	069	1949	292	1957	134	1964	17	21	13	079	175	1947	128	1958	04	1962	04	00	00
Boscombe Down	15.9	-3.5	07.9	-1.6	23.4	03	01.6	09	04	00	06	14.7	02	138*	067	1933	323	1975	141	1948	18	40	12	089	189	1931	132	1971	05	1962	01	00	00
Rhoose	15.9	-3.3	08.7	-2.0	20.3	04	03.8	09	02	00	07	15.0	01	187	090	1954	323	1957	140	1972	16	33	10	072	124	1954	151	1971	05	1975	02	00	00
Mount Batten	15.7	-1.9	10.0	-1 1	20.5	04	05.4	09	00	00	07	14.9	02	163	073	1921	380	1925	153	1972	17	11	10	055	098	1921	145	1968	00	1925	00	00	00
Elmdon	16.1	-3.0	07.5	-1.7	24.7	03	01.3	01	04	00	06	15.3	01	151	077	1945	291	1957	126	1971	17	23	12	089	181	1941	105	1958	07	1942	03	00	00
Valley	16.0	-0.8	09.4	-1.0	22.0	22	05.8	09	00	00	03	15.3	21	233	106	1946	305	1975	147	1955	17	21	27	074	134	1941	111	1965	01	1942	00	00	00
Ringway	16.7	-2.1	08.6	-1.3	24.2	02	03.7	01	02	00	04	15.8	21	197	103	1945	285	1957	117	1964	14	20	12	107	175	1942	137	1958	12	1942	03	00	00
Watnall	16.5	-2.6	08.0	-1.4	25.0	03	03.8	01	01	00	05	15.6	22	173	093	1948	261	1960	108	1964	17	12	12	066	124	1942	105	1966	08	1975	03	00	00
Finningley	16.9	-2.8	08.1	-1.7	25.2	03	02.6	01	01	00	05	15.9	22	175	090	1958	260	1960	126	1958	16	30	13	091	197	1958	120	1958	05	1976	03	00	00
Tynemouth	13.6	-2.1	09.1	-1.0	20 8	24	06.0	01	00	00	05	14.9	09	171	095	1937	265	1949	104	1954	14	10	06	062	134	1864	115	1966	02	1865	00	00	00
Eskdalemuir	16.0	-0.6	05.7	-1.5	24.7	23	01.0	08	07	00	04	16.4	22	210	127	1911	276	1957	082	1912	17	27	06	095	093	1911	260	1931	23	1921	00	00	00
Abbotsinch	17.6	-0.3	07.8	-1.5	24.5	23	01.7	14	05	00	03	15.8	21	229	126	1921	267	1957	089	1966	18	16	06	034	057	1921	129	1928	10	1925	00	00	00
Leuchars	15.3	-1.4	07.8	-1.0	25.5	03	03.0	06	02	00	03	15.3	01	187	097	1922	264	1949	109	1966	17	19	06	068	148	1922	115	1931	07	1940	00	00	00
Dyce	14.7	-1.4	07.1	-0.8	24.0	24	00.8	21	03	00	05	15.0	01	173	099	1941	245	1970	095	1966	16	11	13	057	102	1941	123	1948	19	1976	00	00	00
Stornoway	13.1	-1.7	07.0	-1.5	20.8	23	01.7	07	01	00	03	16.2	15	195	112	1880	278	1970	092	1942	14	11	13	057	086	1943	107	1944	27	1949	00	00	00
Aldergrove	16.6	-0.8	07 7	-1.5	25.0	23	03.3	09	04	00	03	15.7	22	199	113	1927	287	1957	109	1966	18	11	30	041	062	1927	120	1966	11	1941	00	00	00

* New lowest

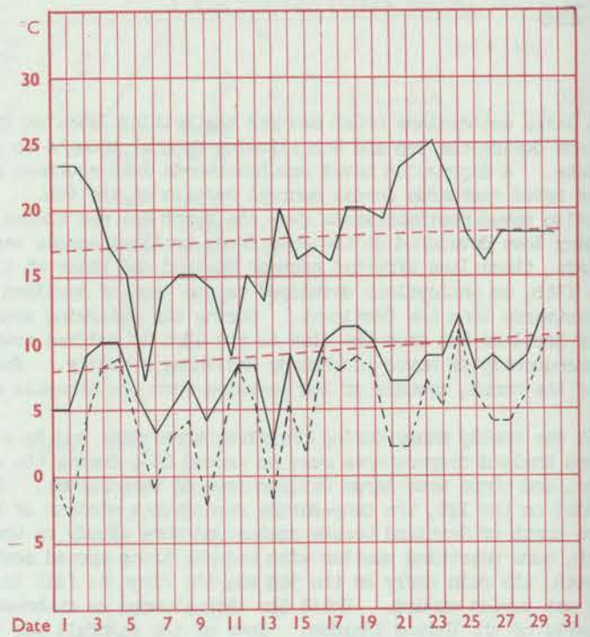
LONDON (Kew)



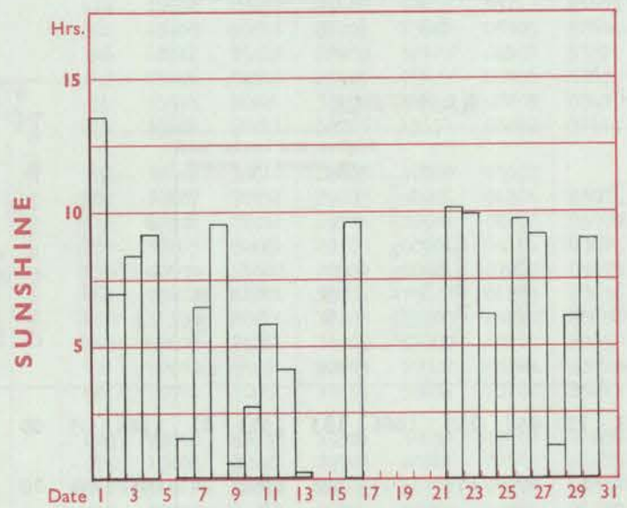
MANCHESTER (Ringway)



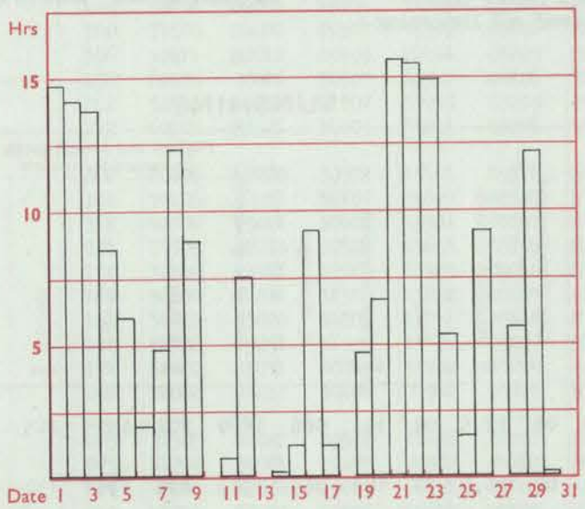
GLASGOW (Abbotsinch)



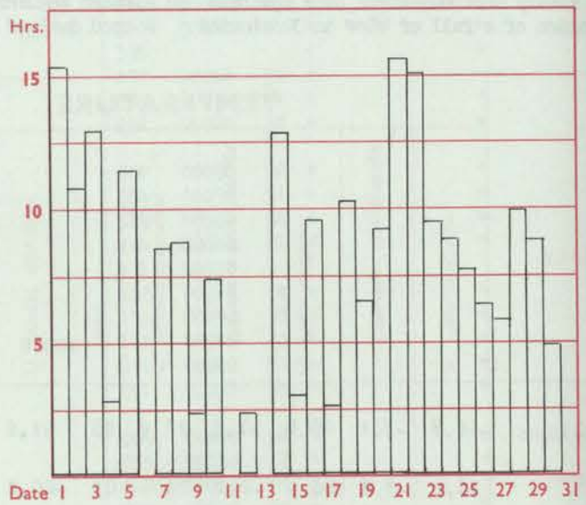
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values. (1941-1970)
Normals for Kew are based on North Wall readings and may not be absolutely comparable with the daily values plotted above which are obtained from psychrometer measurements.



Total for month 141 30-year (1941-1970) average **214** hrs.

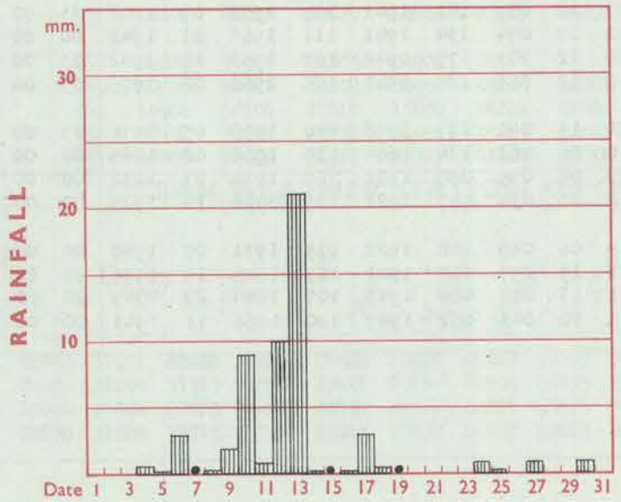


Total for month 197 30-year (1941-1970) average **191** hrs.

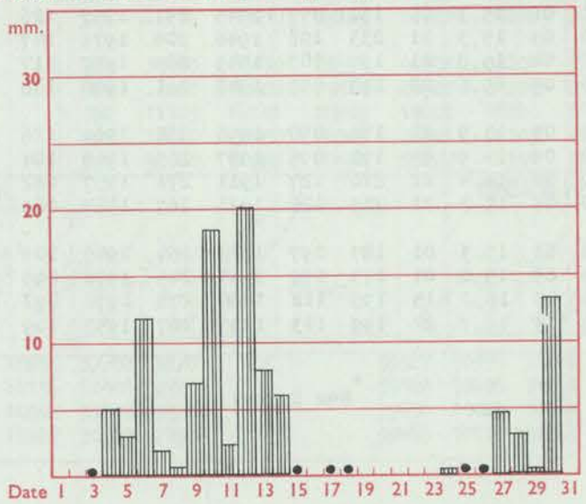


Total for month 229 30-year (1941-1970) average **181** hrs.

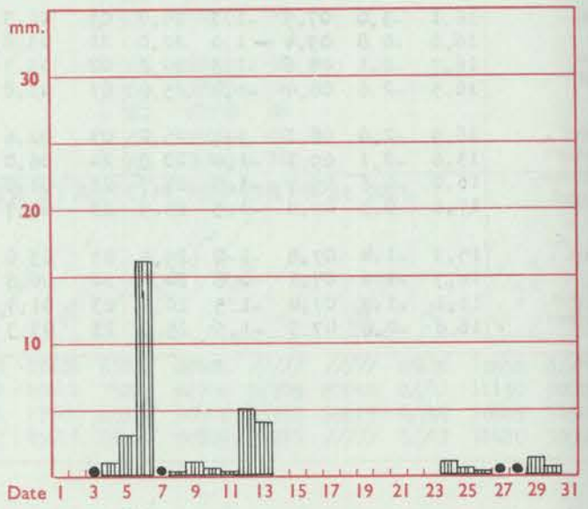
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0·05 mm) is indicated by " ● "



Total for month 55 30-year (1941-1970) average 47 mm.



Total for month 107 30-year (1941-1970) average 61 mm.



Total for month 34 30-year (1941-1970) average 60 mm.

H.M.S.O. Press, Bracknell, Berks.

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 10c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42195

Date of Issue WEDNESDAY 1 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 31 MAY 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70613	83022	27612	786//	01002	84835	87645	
Hurn	862	70511	80021	26613	656/2	04001	86640	83070	
Manston	797	50317	77011	27412	48401	08108	82710	83815	
Gatwick	776	70615	81022	27212	786//	04004	82832	87642	
Kew	775	70409	81022	27713	786//	03101	82835	87645	
Heathrow	772	70314	81022	27414	786//	03001	82835	86645	
Honington	586	70314	86022	28213	786//	03103	85835	83645	
Wattisham	590								
Gorleston	497	20317	66011	28714	22500	08209	82825		
Aberporth	502	30211	75010	28512	11602	05607	81830		
Pilton	628	70714	81012	28512	786//	01601	81830	87635	
Rhoose	715	30916	83011	27713	38501	03604	81825	83636	
Hartland Point	703	30619	84021	27111	35601	03604	83630		
Mount Batten	827	50815	82031	26513	21632	05301	82830	84075	
St. Mawgan	817	50611	89021	26413	38641	04603	83830		
Scilly	804	30616	82020	26813	38500	06204	83820		
Culdrose	809	20716	81010	27112	18501	05106	81822		
Guernsey	894	60518	80012	24212	58402	07000	83816	83650	
Elmdon	534	70411	80021	29611	786/1	02103	81835	87640	
Cardington	559	70510	81022	28712	786//	04002	83830	87640	
Wittering	462	60515	84012	29511	686//	04105	81832	86640	
Watnall	354	70414	80022	29811	786//	02202	82832	87640	
Shawbury	414	60709	75012	29912	685//	03400	81825	86635	
Finningley	360	70508	87022	30612	786//	03105	83830	87640	
Spurn Point	396	40509	75020	31212	42500	04210	84820		
Leeming	257	60510	75022	31212	68500	03301	81825	86640	
Tynemouth	262	30707	81021	32111	20938	05104	82359		
Carlisle	222	10703	85021	30615	11601	07705	81834		
Valley	302	40513	84020	30114	11601	04803	81840	83075	
Ringway	334	60915	75022	30213	656//	01301	86640		
Squires Gate	318	70908	81031	30713	786//	06601	81830	87635	
Ronaldsway	204	41107	80011	31213	28401	04202	81818	84075	
Mull of Galloway	131	41706	84011	31212	12501	11400	81825	84075	
Eskdalemuir	162	31702	83021	29615	22602	04609	82833		
Prestwick	135	62609	80031	31214	11641	07400	81830	86080	
Abbotsinch	140	73205	81031	30117	11602	05807	81838	83075	86080
Leuchars	171	71107	70031	30215	11606	06705	81830	84270	87075
Dyce	091	81407	82031	29816	11647	05400	81835	88275	
Lerwick	005	62512	84022	29210	11432	05400	81818	85073	
Wick	075	70309	84021	29813	28502	07303	82825	86075	
Sule Skerry	010	72506	74031	30013	2257/	11204	82820	87360	
Cape Wrath	049	32707	80020	30011	15601	06400	81630	83075	
Stornoway	026	61717	84021	29813	18502	09703	81825	86075	
Benbecula	022	22110	70011	29915	12502	10301	81825		
Tiree	100	31811	80010	30813	00902	10102	83075		
Aldergrove	917	42702	80031	30315	31501	07803	83825		
Malin	980	40610	82021	30413	11602	08101	81840	84080	
Belmullet	976	12304	70010	28815	00902	08202	81070		
Birr	965	11107	62010	29316	11502	04802	81824		
Dublin	969	30812	80011	31013	11502	04208	81823	83070	
Shannon	962	41105	65051	29417	21601	07001	82830		
Roches Point	952	21112	60050	29114	21501	07101	82821		
Valentia	953	52708	60102	29014	52500	10206	85825		

OBSERVATIONS at 18h. 31 MAY 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	60509	82022	26614	65600	02502	86645		
Hurn	862	40610	81011	25814	48600	04501	81840	84645	
Manston	797	10322	84011	26912	11402	06501	81814		
Gatwick	776	10717	83011	26513	14601	04501	81842		
Kew	775	50412	80021	27214	58601	05601	83835	83645	
Heathrow	772	50514	81012	27114	58601	05500	82840	84650	
Honington	586	60314	89031	28313	28601	04500	82835	85080	
Wattisham	590								
Gorleston	497	30417	66010	28711	21504	08601	82825	83075	
Aberporth	502	10411	72020	27913	15601	05504	81635		
Pilton	628	50713	82031	27314	55600	02604	85638		
Rhoose	715	10717	80010	27013	18601	02502	81830		
Hartland Point	703	10618	84021	26312	12601	05606	81830		
Mount Batten	827	10713	82021	25315	15600	06504	81635		
St. Mawgan	817	30311	82011	25614	35600	03604	83630		
Scilly	804	50615	80021	26412	55500	08604	85626		
Culdrose	809	10712	70050	25913	15601	05807	81630		
Guernsey	894	00518	75021	22812	00900	07605			
Elmdon	534	40511	80021	29013	25601	02500	82640		
Cardington	559	60313	70022	28313	45602	05501	84645	83075	
Wittering	462	40616	83011	29511	21601	05500	82840	83075	
Watnall	354	40411	82031	29712	11601	02303	81840	83078	
Shawbury	414	30610	72021	28814	15601	03708	81640	83075	
Finningley	360	30608	85021	30513	15602	02500	81645	83075	
Spurn Point	396	30509	80020	31211	22501	04400	82820		
Leeming	257	70310	84031	30414	00901	04603	87078		
Tynemouth	262	71409	81021	31511	00906	04806	87075		
Carlisle	222	53102	86011	29318	14601	07604	81840	85080	
Valley	302	30414	75021	29614	00901	05502	83075		
Ringway	334	20711	81011	29415	11601	02602	81830		
Squires Gate	318	73411	81031	29813	11504	08502	81827	87075	
Ronaldsway	204	62605	81021	30313	00902	07609	86075		
Mull of Galloway	131	33206	84011	30613	00901	12604	83075		
Eskdalemuir	162	52306	83021	29116	54602	07500	82840	83645	85080
Prestwick	135	52710	81022	30313	11601	09503	81835	85080	
Abbotsinch	140	72811	84022	29517	11601	07501	81840	87078	
Leuchars	171	71009	82031	29614	10931	07502	81359	87075	
Dyce	091	51507	86012	29516	00902	01301	85075		
Lerwick	005	42610	81011	28810	35531	08703	81620	83630	
Wick	075	21406	80011	30112	11601	07302	81835		
Sule Skerry	010	12702	74011	30013	00901	10802	81075		
Cape Wrath	049	22306	80010	30011	00901	09803	82075		
Stornoway	026	50712	82022	30313	21502	09304	82826	84075	
Benbecula	022	12309	70020	30513	11500	11301	81822		
Tiree	100	60000	84011	30814	00902	08502	86080		
Aldergrove	917	60000	75031	30117	21501	05502	82825	86080	
Malin	980	60916	82021	29913	11602	06604	81840	86075	
Belmullet	976	22906	61100	29315	11502	11801	81821		
Birr	965	70708	80021	29216	00902	06202	87072		
Dublin	969	40511	82021	30413	00902	07705	84070		
Shannon	962	51105	70021	28218	24601	07607	82635	83075	
Roches Point	952	40907	62031	29112	11501	07400	81821	84073	
Valentia	953	62708	50101	28714	625//	11602	86822		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00150	058 +		+
Hurn	862	00160	067 +		+
Manston	797	00130	128 +		+
Gatwick	776	00150	058 +		+
Kew	775	00140	033 +		+
Heathrow	772	00150	024 +		+
Honington	586	00140	058 +		+
Wattisham	590				
Gorleston	497		130		
Aberporth	502	00140	148 +		+
Pilton	628	00150	058 +		+
Rhoose	715	00150	137 +		+
Hartland Point	703	00120	125		
Mount Batten	827	00150	148 +		+
St. Mawgan	817	00150	147 +		+
Scilly	804	00140	093 +		+
Culdrose	809	00130	141 +		+
Guernsey	894	00130	083 +		+
Elmdon	534	00140	100 +		+
Cardington	559	00160	051 +		+
Wittering	462	00140	083 +		+
Watnall	354	00140	090 +		+
Shawbury	414	00150	077 +		+
Finningley	360	00150	069 +		+
Spurn Point	396		+		+
Leeming	257	00150	093 +		+
Tynemouth	262	00110	111 +		+
Carlisle	222	00180	146 +		+
Valley	302	00150	150 +		+
Ringway	334	00150	098 +		+
Squires Gate	318	00150	119 +		+
Ronaldsway	204	00140	136 +		+
Mull of Galloway	131	00141			
Eskdalemuir	162	00180	135 +		+
Prestwick	135	00150	146 +		+
Abbotsinch	140	00190	140 +		+
Leuchars	171	00170	124 +		+
Dyce	091	00170	141 +		+
Lerwick	005	00110	113 +		+
Wick	075	00130	154 +		+
Sule Skerry	010	00130			
Cape Wrath	049	00120	150 +		+
Stornoway	026	00161	135 +		+
Benbecula	022	00150	150 +		+
Tiree	100	00150	144 +		+
Aldergrove	917	00170	125 +		+
Malin	980	0014	153		
Belmullet	976	0017	145		
Birr	965	0018	134		
Dublin	969	0014	141		
Shannon	962	9719	141		
Roches Point	952	0015	145		
Valentia	953	0015	076		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

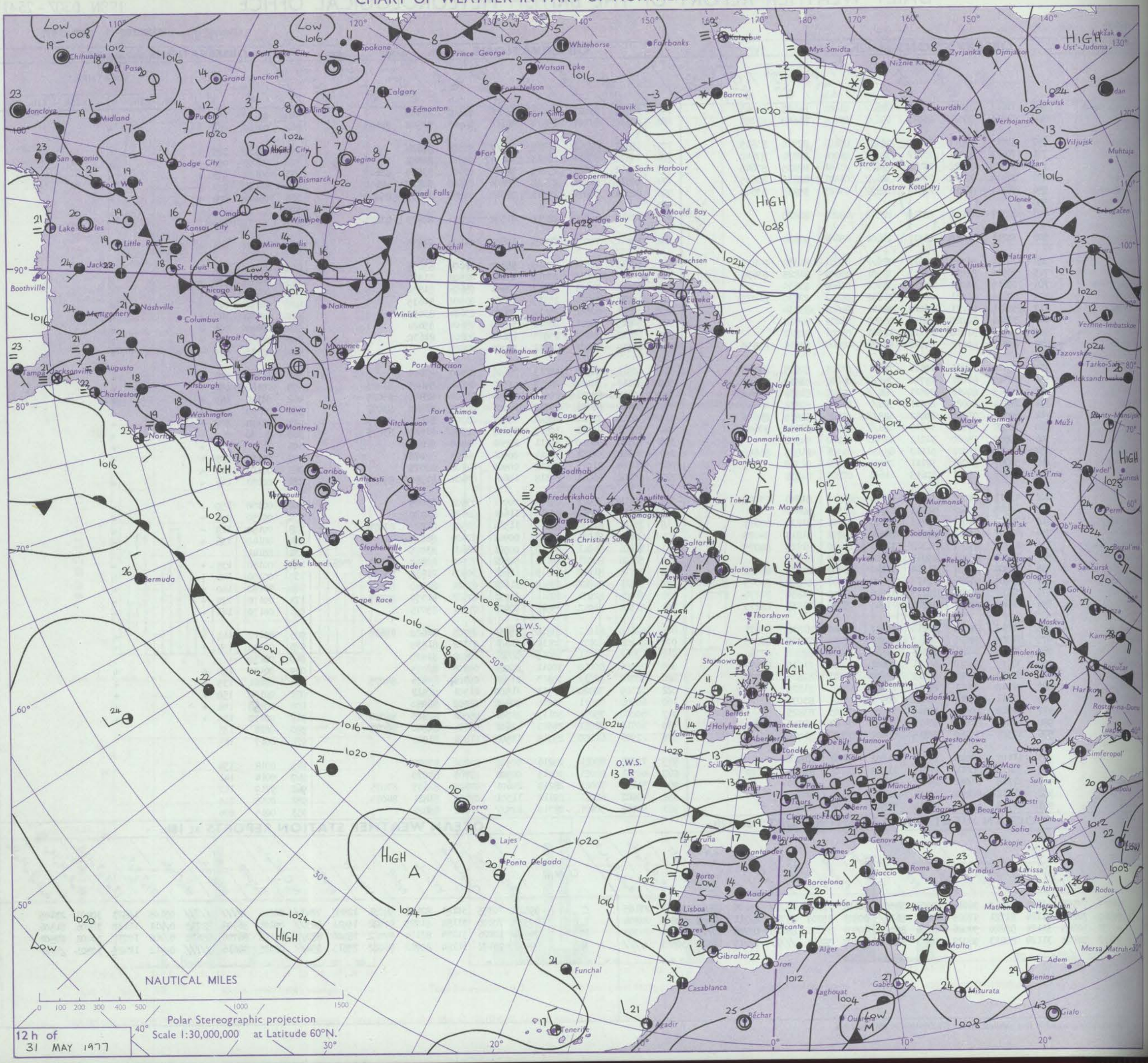
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	31121	42410	98018	10908	38501	00118	/////	/////	05104	10862	3////	23105
L	99569	70200	31124	81721	97025	20411	863//	00803	85707	88715	0//11	11149	30805	22804
M	99657	10025	31124	82820	97026	16706	853//	00501	85706	88615	0//06	10728	30504	27703
R	99467	70172	31124	80813	96022	24913	854//	00207	88613	/////	0//13	11424	30503	/////

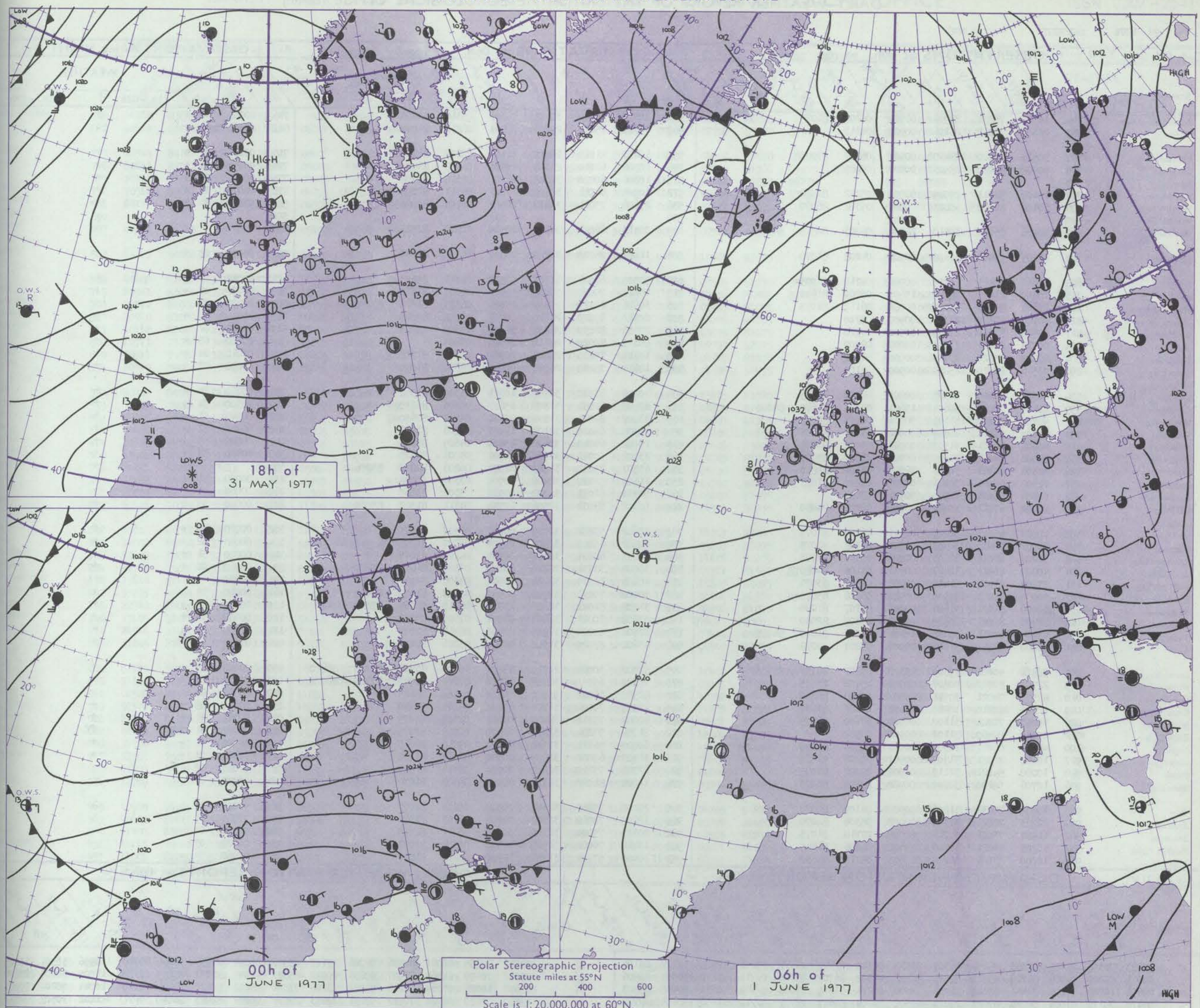
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	31181	82408	98031	12908	7243/	00206	/////	/////	05105	10873	30403	23105
L	99570	70200	31184	81725	97022	19911	863//	00101	86708	88715	0//11	11137	30806	21806
M	99656	10026	31184	83114	97022	18506	853//	00108	86706	88612	0//06	10737	30402	27804
R	99467	70172	31184	80712	96022	25313	854//	00303	88616	/////	0//12	11425	30503	/////

Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 1 JUNE 1977

The anticyclone over southern Scotland has moved very slowly south during the past 24 hours, and an associated ridge of high pressure to Azores has persisted. A shallow depression over Spain has remained almost stationary with little change in central pressure. During the next 24 hours the anticyclone will move a little further south bringing a moister southerly airstream into northwestern parts of the British Isles. The low over Spain will persist.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — **OBSERVATIONS at 00h.** 1 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	10511	75021	28908	00901	04209	81075		
Hurn	862	03304	75011	28106	00900	04213			
Manston	797	30513	82020	28410	00901	06207	83075		
Gatwick	776	00507	80020	28808	00900	05205			
Kew	775								
Heathrow	772	10409	82011	29509	00901	05212	81080		
Honington	586	60106	80022	30005	00902	05302	86080		
Wattisham	590								
Gorleston	497	40416	66030	30010	22504	08203	82825	84075	
Aberporth	502	11105	70020	30109	00901	04208	81070		
Filton	628	10612	80011	29708	00901	04210	81075		
Rhoose	715	10610	81030	29909	15601	03209	81640		
Hartland Point	703	10616	81020	28311	00901	06112	81075		
Mount Batten	827	00709	80020	27311	00900	05210			
St. Mawgan	817	00509	80010	27809	00900	04210			
Scilly	804	00713	80021	27511	00900	08209			
Culdrose	809	00508	75020	27709	00900	04108			
Guernsey	894	00516	80020	25210	00900	06109			
Elmdon	534	20000	70010	31304	00901	02207	82075		
Cardington	559	40405	70031	30604	15601	04309	81640	84075	
Wittering	462	40107	80020	31106	00901	04203	84075		
Watnall	354	20204	80021	31405	00901	03304	82075		
Shawbury	414	40806	66011	31307	00901	03207	84078		
Finningley	360	30000	84011	31805	00901	03202	83075		
Spurn Point	396	50306	80021	31806	51500	04101	85820		
Leeming	257	12302	86021	32106	00901	03205	81078		
Tynemouth	262	01806	66011	31909	00900	07001			
Carlisle	222	40902	67011	31207	00901	06206	84080		
Valley	302	10507	65011	31409	00901	06207	81075		
Ringway	334	20902	70031	31807	00901	02308	82075		
Squires Gate	318	31206	68011	31606	00902	05310	83075		
Ronaldsway	204	40000	80021	31407	00901	04104	84080		
Mull of Galloway	131	33208	83011	31410	00902	04204	83075		
Eskdalemuir	162	50000	72011	31805	00902	03206	85075		
Prestwick	135	10000	81021	31606	00901	05207	81080		
Abbotsinch	140	22406	82021	30809	00901	05207	82080		
Leuchars	171	43404	82011	30608	15601	07201	81640	84075	
Dyce	091	40000	62041	31006	00902	05204	84078		
Lerwick	005	82811	40101	29309	853//	09202	84707	88623	
Wick	075	22702	80010	30807	00902	05400	82075		
Sule Skerry	010	82505	74021	30511	855//	09400	88625		
Cape Wrath	049	12305	80010	30810	15600	06103	81630		
Stornoway	026	10000	70021	31107	00901	07400	81075		
Benbecula	022	00000	02460	31107	00900	07501			
Tiree	100	40000	66011	31307	00901	06801	84080		
Aldergrove	917	10602	70021	31808	00901	05207	81075		
Malin	980	10000	84021	31110	00902	08202	81075		
Belmullet	976	10706	59100	30709	00902	08205	81070		
Birr	965	10901	70031	31206	00902	04109	81070		
Dublin	969	22703	70021	31508	00902	05304	82070		
Shannon	962	11402	75021	30711	00902	07110	81075		
Roches Point	952	10205	70021	30709	15601	06206	81645		
Valentia	953	10000	57101	30209	15600	08210	81630		

OBSERVATIONS at 06h. 1 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	20612	70010	30108	16301	05310	81708		
Hurn	862	10307	75030	29208	00901	06210	81075		
Manston	797	10613	81020	29011	11401	07207	81812		
Gatwick	776	10206	62010	29508	00901	06308	81075		
Kew	775	10306	60020	30508	16301	06305	81708		
Heathrow	772	10208	64011	30408	16301	06311	81708		
Honington	586	23606	75021	30607	00902	06106	82080		
Wattisham	590								
Gorleston	497	20412	66021	30910	22500	06210	82825		
Aberporth	502	11007	76020	31709	00902	04209	81075		
Filton	628	50505	60011	31306	55500	04311	85623		
Rhoose	715	10610	70020	30407	18401	04307	81812		
Hartland Point	703	30616	80020	29809	11401	06307	81812	83075	
Mount Batten	827	20812	89020	28310	00901	05310	82075		
St. Mawgan	817	20406	82030	28907	00901	04307	82075		
Scilly	804	00613	80020	28411	00900	07207			
Culdrose	809	10613	75020	28808	00901	03310	81070		
Guernsey	894	10614	78020	26210	00901	08310	81080		
Elmdon	534	10205	63010	32405	10931	03309	81362		
Cardington	559	60405	62031	31307	656//	06106	86630		
Wittering	462	33607	82011	31807	25731	04207	82650		
Watnall	354	10304	68020	32108	14401	05206	81818		
Shawbury	414	10102	64040	32606	15401	04309	81615		
Finningley	360	23302	50041	32705	00901	03208	82075		
Spurn Point	396	63507	75031	32509	22501	06206	82820	85076	
Leeming	257	11602	82020	32406	00901	03304	81078		
Tynemouth	262	52510	61031	32208	50938	03303	85360		
Carlisle	222	50802	68031	32506	10931	04311	81362	85080	
Valley	302	33602	57281	32009	00901	08307	83075		
Ringway	334	10602	65020	32806	00901	02307	81075		
Squires Gate	318	11103	60010	32606	00901	04207	81075		
Ronaldsway	204	30000	70031	32210	15701	07308	81656	83080	
Mull of Galloway	131	40106	32030	32111	00901	08306	84075		
Eskdalemuir	162	50000	70011	32805	00902	03308	81070	85075	
Prestwick	135	31502	81011	32607	10931	06310	81368	83080	
Abbotsinch	140	52802	80011	32108	00901	07309	85080		
Leuchars	171	22502	80021	31909	00902	06211	82075		
Dyce	091	43602	82021	31908	00901	05206	84078		
Lerwick	005	82907	30025	29710	851//	10304	83702	87705	88620
Wick	075	72702	65051	31208	25632	07303	82645	83360	86072
Sule Skerry	010	82507	66022	31111	855//	09304	88625		
Cape Wrath	049	82305	70031	31711	856//	09207	88630		
Stornoway	026	42004	75011	32109	00901	08309	84075		
Benbecula	022	21704	58284	32210	00901	10208	82075		
Tiree	100	60000	56111	32510	00902	09210	86075		
Aldergrove	917	31303	65030	32809	00902	06207	83070		
Malin	980	12308	75110	32212	00902	08311	81075		
Belmullet	976	11004	81020	31711	00902	09307	81070		
Birr	965	20000	75010	32506	00902	05208	82070		
Dublin	969	12605	70010	32608	00902	06208	81070		
Shannon	962	20102	75020	32108	00902	05211	82075		
Roches Point	952	10410	70020	31509	00901	05308	81073		
Valentia	953	10406	57101	31208	15502	07206	81620		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00060	04 +		+
Hurn	862	00050	02 +		+
Manston	797	00100	07 +		+
Gatwick	776	00050	51 +		+
Kew	775	00070	02 +		+
Heathrow	772	00060	03 +		+
Honington	586	97030	00 +		+
Wattisham	590				
Gorleston	497				
Aberporth	502	00070	02 +		+
Filton	628	00040	00 +		+
Rhoose	715	00050	02 +		+
Hartland Point	703	00090	06		
Mount Batten	827	00090	04 +		+
St. Mawgan	817	00060	02 +		+
Scilly	804	00100	05 +		+
Culdrose	809	00060	04 +		+
Guernsey	894	00090	07 +		+
Elmdon	534	00010	54 +		+
Cardington	559	00500	54 +		+
Wittering	462	00040	01 +		+
Watnall	354	00040	52 +		+
Shawbury	414	00000	55 +		+
Finningley	360	00030	53 +		+
Spurn Point	396		+		+
Leeming	257	00020	51 +		+
Tynemouth	262	00060	01 +		+
Carlisle	222	00040	50 +		+
Valley	302	00070	00 +		f
Ringway	334	00040	52 +		+
Squires Gate	318	00020	51 +		+
Ronaldsway	204	00060	02 +		+
Mull of Galloway	131	00080			
Eskdalemuir	162	00010	52 +		+
Prestwick	135	00040	51 +		+
Abbotsinch	140	00050	50 +		+
Leuchars	171	00050	00 +		+
Dyce	091	00040	52 +		+
Lerwick	005	00090	09 +		+
Wick	075	00050	00 +		+
Sule Skerry	010	00080	06		
Cape Wrath	049	00090	08 +		+
Stornoway	026	00061	01 +		+
Benbecula	022	00070	51 1ffff		ff
Tiree	100	00070	53 +		+
Aldergrove	917	00060	03 +		+
Malin	980	97080	02		
Belmullet	976	97070	03		
Birr	965	97020	52		
Dublin	969	97060	01		
Shannon	962	97070	01		
Roches Point	952	00070	03		
Valentia	953	97060	04		

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01001	32303	98258	16307	23530	00113	/////	/////	05206	10865	3////	25106
L	99571	70200	01004	81725	95515	20511	873//	41302	86707	88710	0//11	11117	30503	23806
M	99658	10028	01004	73411	98022	20906	78400	00211	81815	87635	0//04	10731	30402	27803
R	99470	70170	01004	50714	97022	27013	45502	00104	84623	/////	0//11	11456	30605	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01061	82406	98026	17107	6855/	00201	/////	/////	05206	10856	30301	25205
L	99567	70199	01064	81927	95636	20710	5532/	41803	82707	85635	0//09	11005	30605	23806
M	99657	10028	01064	71106	98022	23106	75500	00212	87620	/////	0//04	10744	30201	99/03
R	99469	70170	01064	70712	97031	27413	785//	00307	82823	86640	0//11	11442	30502	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42196

Date of Issue THURSDAY 2 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 1 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	40510	83020	30415	21601	03101	82840	83080	
Hurn	862	40410	80030	29317	11601	06001	81835	84075	
Manston	797	40318	84021	30613	21401	09106	82812	83075	
Gatwick	776	60613	82021	30115	34601	05000	83640	85080	
Kew	775	30310	75011	30616	11601	04805	81840		
Heathrow	772	70511	80011	30316	11601	04705	81835	87080	
Honington	586	60111	89011	30915	11602	04802	81835	86080	
Wattisham	590								
Gorleston	497	40312	66011	31810	12604	05400	81830	84075	
Aberporth	502	10106	80030	32312	11502	06102	81825		
Filton	628	40408	82031	31115	11601	06803	81830	84080	
Rhoose	715	20913	83030	30716	11502	05000	81822		
Hartland Point	703	20314	82020	30712	00902	07105	82075		
Mount Batten	827	20910	83020	29117	11601	07302	81835		
St. Mawgan	817	10112	82020	29516	11601	05204	81830		
Scilly	804	10713	75030	30315	00901	10208	81080		
Culdrose	809	30811	75030	30215	11501	06209	81828	83075	
Guernsey	894	10519	70020	27313	11402	09206	81812		
Elmdon	534	40407	80030	31915	00901	05704	84080		
Cardington	559	50507	75021	31515	11602	06803	81830	85075	
Wittering	462	40510	84020	31815	11601	06803	81840	84078	
Watnall	354	50407	81031	31417	00901	04805	85078		
Shawbury	414	30105	77030	32016	00901	05704	83075		
Finningley	360	63403	83031	32017	00902	04807	86078		
Sourn Point	396	41204	80031	33012	00901	05001	84075		
Leeming	257	30108	89020	31918	11701	05703	81850	83080	
Tynemouth	262	20505	61021	32913	00905	09305	82075		
Carlisle	222	22606	70021	31918	12601	11706	81830		
Valley	302	20308	80011	32519	11602	11602	81830		
Ringway	334	32002	65030	31718	00901	03707	83075		
Squires Gate	318	32708	59041	32713	00901	07702	83075		
Ronaldsway	204	21305	75021	33115	00901	09301	82080		
Mull of Galloway	131	23610	82011	32519	00909	12803	82175		
Eskdalemuir	162	33203	80031	30620	18602	05705	81830	83077	
Prestwick	135	22710	80020	32817	00901	09502	82080		
Abbotsinch	140	33105	82021	31621	11602	04708	81835	83080	
Leuchars	171	21010	81010	32415	11502	05301	81825		
Dyce	091	33205	82011	31918	11601	08801	81830	83078	
Lerwick	005	82710	50052	30813	853//	10103	82706	88635	
Wick	075	31508	62051	31915	11601	08601	81830	83075	
Sule Skerry	010	02508	48051	32113	00900	11002			
Cape Wrath	049	92306	04474	32111	9////	11802	89/00		
Stornoway	026	21714	81020	32015	11501	09601	81825		
Benbecula	022	12212	75020	33015	11401	09204	81818		
Tiree	100	31709	82031	33316	00901	09303	83077		
Aldergrove	917	32905	70011	32819	11601	09501	81835	83080	
Malin	980	33208	58101	33714	12502	12308	81825	83080	
Belmullet	976	12709	82020	33317	00902	09209	81070		
Birr	965	10509	66020	32718	12502	06504	81825		
Dublin	969	40608	80011	32917	00902	06002	84070		
Shannon	962	11407	65050	32718	11601	07801	81835		
Roches Point	952	11113	70020	33014	11501	09308	81822		
Valentia	953	11006	62050	32019	11501	07202	81824		

OBSERVATIONS at 18h. 1 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	60512	86011	29117	00902	04503	86078		
Hurn	862	70410	80031	28119	00908	08706	85270	87075	
Manston	797	60215	85021	29911	14502	06602	81620	86070	
Gatwick	776	70912	82021	29015	10942	07502	81366	83075	87078
Kew	775	71010	80021	29416	11708	08601	81850	86270	
Heathrow	772	70313	81022	28918	11632	05605	81840	87075	
Honington	586	60110	88012	30214	00902	03602	86078		
Wattisham	590								
Gorleston	497	30218	66011	30810	00901	07704	83075		
Aberporth	502	33508	65011	30713	00901	10609	83075		
Filton	628	60510	83011	29517	11602	07505	81835	85081	
Rhoose	715	70810	83021	29218	11501	04706	81828	87075	
Hartland Point	703	60304	82031	29912	00902	07805	86075		
Mount Batten	827	60910	89031	28118	00902	08706	86075		
St. Mawgan	817	30113	82020	28915	00901	05805	83075		
Scilly	804	20613	75020	29614	00902	09707	82075		
Culdrose	809	30706	75011	29215	00902	06710	83075		
Guernsey	894	10619	80021	26313	00902	06708	81075		
Elmdon	534	30508	75011	30417	00902	03803	83080		
Cardington	559	60410	78012	30415	10932	03804	81362	85075	
Wittering	462	20612	84011	30916	10931	04603	81365		
Watnall	354	10709	80011	30418	15702	06604	81656		
Shawbury	414	33512	64041	30118	00901	08506	83075		
Finningley	360	10708	81011	30917	00901	04603	81080		
Sourn Point	396	30506	75021	32313	00901	03000	83075		
Leeming	257	10212	80011	31717	00901	04307	81080		
Tynemouth	262	20605	61020	33213	00908	05202	82075		
Carlisle	222	32502	81010	30720	28601	11301	82830		
Valley	302	23408	80010	31917	00901	11703	82080		
Ringway	334	33206	70011	30320	00901	08603	83075		
Squires Gate	318	12910	70010	31315	00901	11606	81075		
Ronaldsway	204	33413	72011	31419	10941	07711	81362	83080	
Mull of Galloway	131	53516	80031	31711	00901	10805	85075		
Eskdalemuir	162	30406	80020	30419	12602	06101	81830	83078	
Prestwick	135	13011	75010	31818	00901	08806	81080		
Abbotsinch	140	23110	0011	31021	00901	07602	82080		
Leuchars	171	50912	81031	32114	00902	07400	85078		
Dyce	091	71007	72051	32016	00902	06801	87080		
Lerwick	005	83007	40102	30810	862//	10400	85703	88707	
Wick	075	10304	75020	31915	00902	07803	81075		
Sule Skerry	010	02905	57050	32212	00900	10702			
Cape Wrath	049	12309	58404	32312	00902	11803	81075		
Stornoway	026	12611	75050	32117	11502	09801	81828		
Benbecula	022	52309	63051	33014	00901	12603	85075		
Tiree	100	13007	75020	33315	00901	10602	81080		
Aldergrove	917	23510	75011	32219	21601	09603	82835		
Malin	980	00000	65100	33614	00900	11201			
Belmullet	976	13007	80020	33116	00902	09701	81070		
Birr	965	10607	80020	31620	11600	06705	81830		
Dublin	969	10805	81011	32118	00902	05707	81070		
Shannon	962	11301	70051	31520	11601	08805	81840		
Roches Point	952	11104	70010	31914	00901	09711	81072		
Valentia	953	12607	62050	32515	11501	09003	81824		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00180	144	+	+
Hurn	862	00190	142	+	+
Manston	797	00130	126	+	+
Gatwick	776	00170	120	+	+
Kew	775	00180	135	+	+
Heathrow	772	00190	139	+	+
Honington	586	00170	137	+	+
Wattisham	590				
Gorleston	497		116		
Aberporth	502	00140	151	+	+
Filton	628	00190	145	+	+
Rhoose	715	00180	150	+	+
Hartland Point	703	00140	145		
Mount Batten	827	00190	144	+	+
St. Mawgan	817	00180	147	+	+
Scilly	804	00160	142	+	+
Culdrose	809	00170	146	+	+
Guernsey	894	00140	134	+	+
Elmdon	534	00190	153	+	+
Cardington	559	00180	146	+	+
Wittering	462	00170	152	+	+
Watnall	354	00190	151	+	+
Shawbury	414	00200	148	+	+
Finningley	360	00200	148	+	+
Sourn Point	396			+	+
Leeming	257	00200	146	+	+
Tynemouth	262	00140	135	+	+
Carlisle	222	00210	142	+	+
Valley	302	00200	147	+	+
Ringway	334	00210	147	+	+
Squires Gate	318	00160	148	+	+
Ronaldsway	204	00200	151	+	+
Mull of Galloway	131	00200			
Eskdalemuir	162	00220	155	+	+
Prestwick	135	00190	156	+	+
Abbotsinch	140	00230	152	+	+
Leuchars	171	00160	153	+	+
Dyce	091	00190	150	+	+
Lerwick	005	00130	000	+	+
Wick	075	00160	106	+	+
Sule Skerry	010	00140			
Cape Wrath	049	00130	109	FF1f	1f
Stornoway	026	00190	135	+	+
Benbecula	022	00160	136	+	+
Tiree	100	00170	147	+	+
Aldergrove	917	00210	150	+	+
Malin	980	0016	150		
Belmullet	976	0018	153		
Birr	965	0020	139		
Dublin	969	0019	150		
Shannon	962	9721	143		
Roches Point	952	0016	153		
Valentia	953	0020	142		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

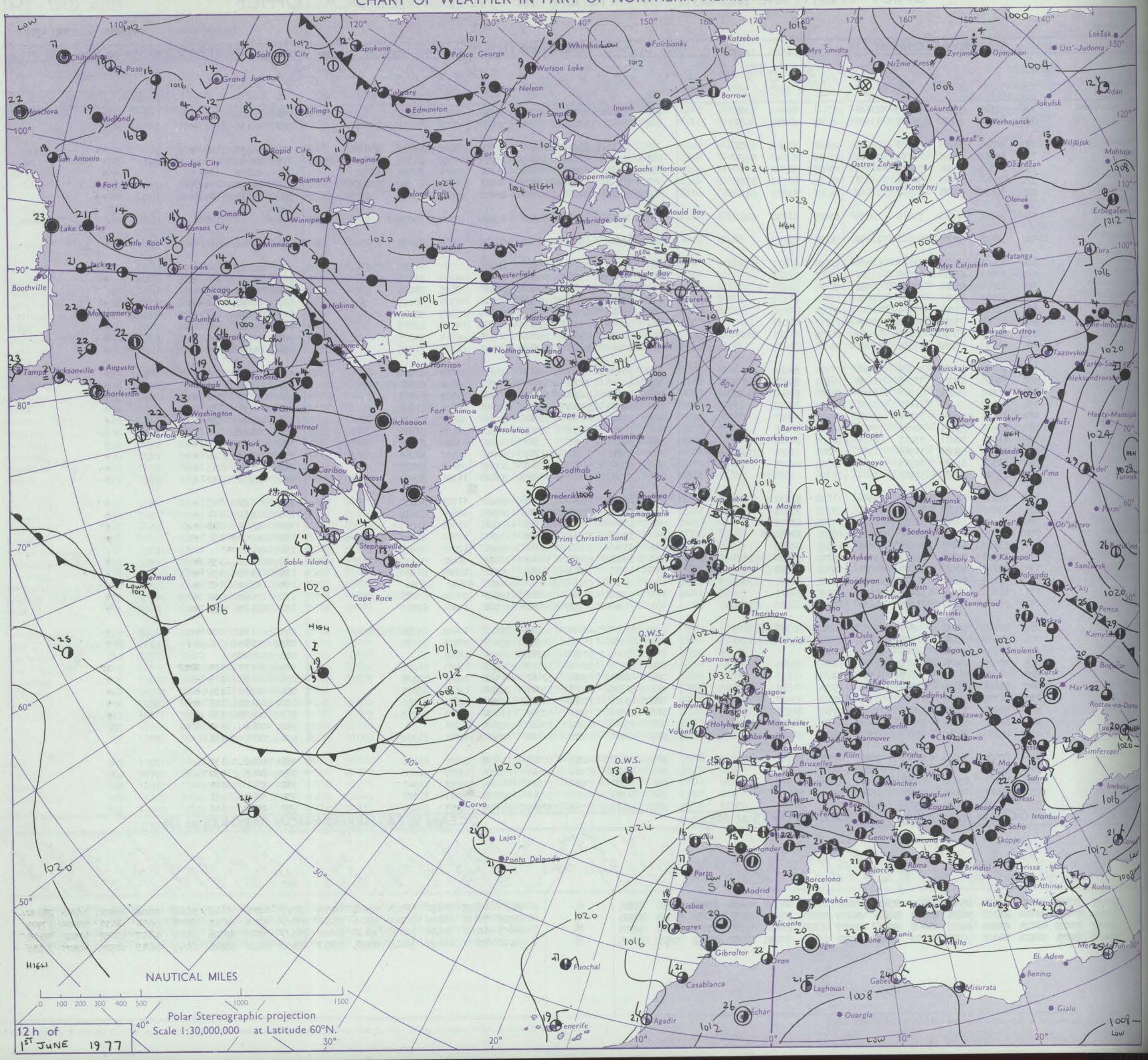
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01121	81604	98026	18709	856//	00207	/////	/////	00106	10870	3////	27205
L	99569	70198	01124	81722	96586	22211	872//	00204	88705	/////	0//11	11113	30705	22804
M	99657	10029	01124	82009	98032	24406	854//	00307	84615	88630	0//05	10759	30201	99/03
R	99469	70171	01124	70712	97022	28713	784//	00002	82810	87620	0//12	11492	30502	06705

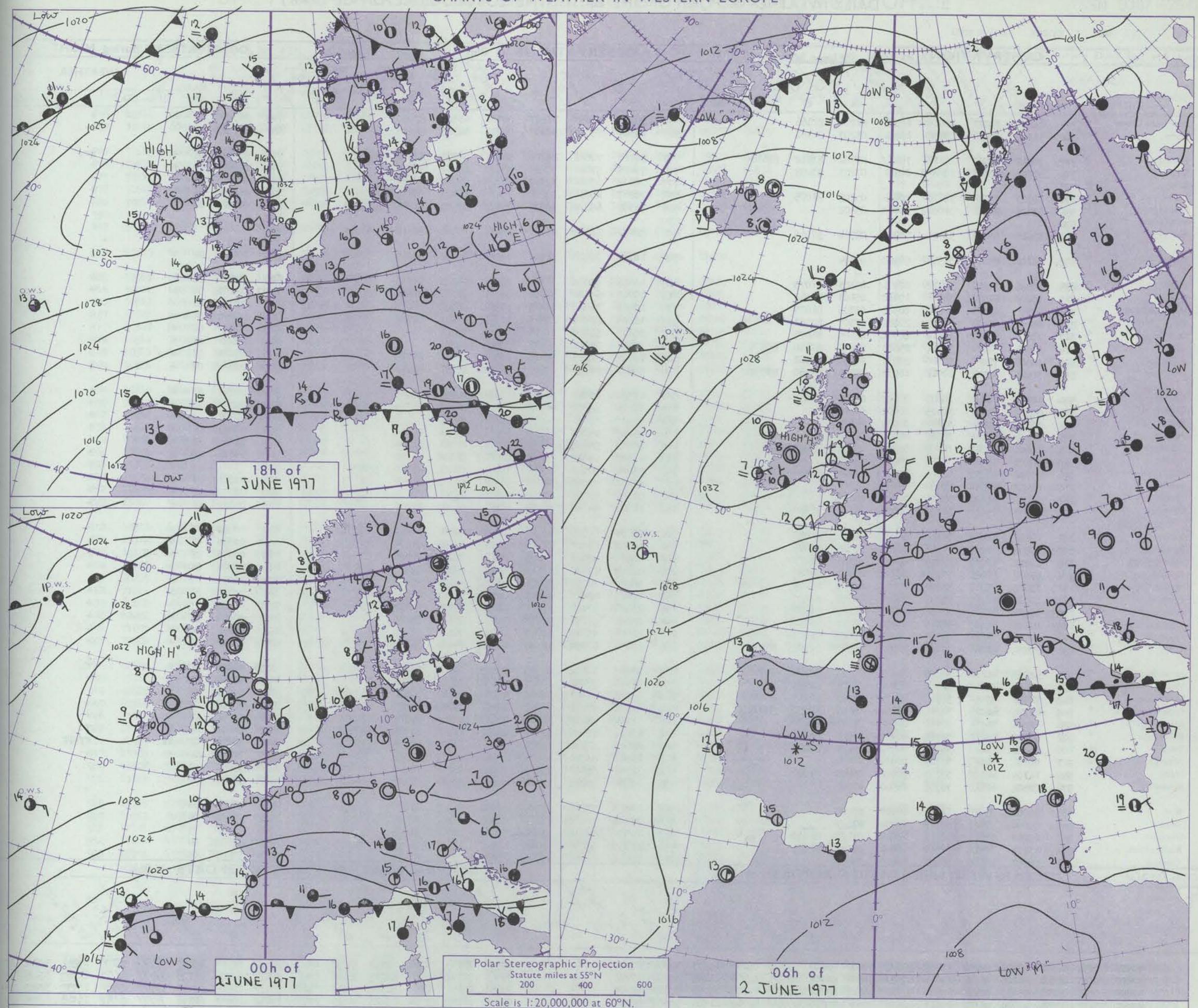
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01181	83502	98022	18209	835//	00702	/////	/////	00006	10902	3////	28104
L	99569	70197	01184	82215	95516	23211	872//	00206	86703	88706	0//11	11133	30804	17905
M	99657	10031	01184	82216	96102	22107	863//	00815	88706	/////	0//07	10757	30302	99/03
R	99470	70171	01184	50612	98031	29213	58400	00400	83816	/////	0//13	11525	30705	/////

Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 2 JUNE 1977

During the past 24 hours an anticyclone remained slow-moving over northern districts of Britain maintaining an easterly airflow over southern districts. During the next 24 hours the anticyclone over northern districts is expected to drift slowly southwestwards and decline a little.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V — **OBSERVATIONS at 00h.** 2 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	10205	84021	30509	10931	02204	81366		
Hurn	862	13302	80011	29708	10941	03208	81364		
Manston	797	70312	80021	29710	754//	07802	83612	87616	
Gatwick	776	30304	70011	30208	00901	07203	83078		
Kew	775								
Heathrow	772	10307	70011	30610	00901	05208	81075		
Honington	586	03406	80021	31006	00900	05202			
Wattisham	590								
Gorleston	497	73610	66031	30311	7093/	08704	87365		
Aberporth	502	03202	80020	31512	00900	08204			
Filton	628	10806	80011	30812	00901	05303	81075		
Rhoose	715	10000	81021	30411	10930	05103	81362		
Hartland Point	703	10705	82011	30412	00902	05305	81075		
Mount Batten	827	40707	80031	29613	20932	07307	82362		
St. Mawgan	817	10608	80020	30112	00902	06109	81075		
Scilly	804	50704	71021	30411	25602	09208	82630	85075	
Culdrose	809	20506	75020	30010	20932	07104	82362		
Guernsey	894	30515	70021	27911	10932	08206	81360	83075	
Elmdon	534	10302	66020	32008	00901	05108	81080		
Cardington	559	00507	70011	31605	00900	03308			
Wittering	462	00207	80020	32207	00900	04205			
Watnall	354	00106	60020	32307	00900	03104			
Shawbury	414	10304	40040	31609	00901	07303	81075		
Finningley	360	03603	70020	32708	00900	05104			
Spurn Point	396	23006	66030	32210	10941	08801	81360		
Leeming	257	03102	58040	33108	00900	05203			
Tynemouth	262	00000	61020	33610	00900	06103			
Carlisle	222	10803	65020	32309	00901	06210	81080		
Valley	302	10102	59030	32211	00901	09301	81080		
Ringway	334	10706	70010	32012	00901	04206	81075		
Squires Gate	318	20907	62030	32009	00902	06305	82075		
Ronaldsway	204	43512	80021	31714	00901	07302	84080		
Mull of Galloway	131	13611	78011	32512	00901	09205	81075		
Eskdalemuir	162	10000	62020	33307	00901	04303	81080		
Prestwick	135	10902	65110	32908	00901	06205	81080		
Abbotsinch	140	12202	65020	32410	00901	07207	81080		
Leuchars	171	10000	65021	32808	00902	07202	81078		
Dyce	091	30000	64041	32707	10932	06501	81363	83080	
Lerwick	005	82508	40102	30809	862//	09805	85704	88710	
Wick	075	12602	57050	32508	00901	07702	81075		
Sule Skerry	010	72502	57051	31811	4647/	10703	84715	87358	
Cape Wrath	049	42710	66021	32211	25601	09803	82630	84075	
Stornoway	026	52006	58051	32410	00902	09803	85070		
Benbecula	022	61805	08461	32910	00902	10803	86075		
Tiree	100	13206	59120	33409	00902	09801	81070		
Aldergrove	917	00202	56040	33509	00900	07104			
Malin	980	11704	64100	33809	00902	06001	81080		
Belmullet	976	03502	62110	33508	00900	07000			
Birr	965	00000	75020	32710	00900	07002			
Dublin	969	00000	75020	32813	00900	07003			
Shannon	962	10000	75011	32813	15700	08107	81650		
Roches Point	952	13305	70010	32510	00901	09000	81075		
Valentia	953	01802	40100	32909	00900	08400			

OBSERVATIONS at 06h. 2 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	20106	74030	31207	00901	03303	82080		
Hurn	862	10307	75010	30408	00901	04303	81075		
Manston	797	80114	70022	29111	884//	07702	82810	88622	
Gatwick	776	70105	57041	30108	756//	06001	87640		
Kew	775	70205	65021	30709	757//	06400	87650		
Heathrow	772	70207	60031	30609	756//	06400	87632		
Honington	586	73308	65021	30309	754//	07500	81714	87635	
Wattisham	590								
Gorleston	497	80122	62022	29711	856//	10400	88630		
Aberporth	502	10805	70020	31712	00902	09102	81075		
Filton	628	10506	75030	31909	00901	04205	81080		
Rhoose	715	10705	69020	31409	00901	04306	81075		
Hartland Point	703	10509	74020	30812	00902	08400	81075		
Mount Batten	827	10205	88010	29813	10941	05301	81368		
St. Mawgan	817	00407	80010	30210	00900	05701			
Scilly	804	00511	75011	30212	00900	10500			
Culdrose	809	10507	80020	30410	00901	06301	81070		
Guernsey	894	50515	80031	27810	51402	07501	85812		
Elmdon	534	13504	62040	32507	15601	04303	81635		
Cardington	559	70106	58051	31508	754//	06602	82710	87635	
Wittering	462	03507	58051	31809	00900	05500			
Watnall	354	23405	45040	32110	00901	05101	82080		
Shawbury	414	30000	58040	32607	00901	05203	83075		
Finningley	360	13305	45040	32608	00901	06302	81080		
Spurn Point	396	33614	66020	31911	10941	07601	81360	83075	
Leeming	257	13402	57040	32908	00901	05500	81078		
Tynemouth	262	02506	56050	33310	00900	05301			
Carlisle	222	11502	64020	32709	00901	06205	81080		
Valley	302	13605	60010	32311	00901	09304	81080		
Ringway	334	10902	65020	32711	00901	04302	81075		
Squires Gate	318	40904	60020	32909	00901	07205	84077		
Ronaldsway	204	40103	63030	32813	00901	08207	84080		
Mull of Galloway	131	30209	74030	32913	00905	09204	83075		
Eskdalemuir	162	10000	62020	33407	00901	05302	81080		
Prestwick	135	20000	57110	33607	00901	05306	82080		
Abbotsinch	140	22902	57050	32908	00901	06103	82080		
Leuchars	171	12503	63020	32709	00902	06301	81075		
Dyce	091	23602	62050	32309	10932	06400	81362		
Lerwick	005	72418	30102	28509	762/9	09711	87703		
Wick	075	72703	57051	31310	00902	08502	87075		
Sule Skerry	010	42316	48051	30210	40930	10807	84358		
Cape Wrath	049	52314	57051	30410	00902	09709	85075		
Stornoway	026	71914	48102	31311	20932	10705	82364	87070	
Benbecula	022	62010	30104	32612	26202	11500	82704	86075	
Tiree	100	92603	01474	33510	9/0//	10302	89/00		
Aldergrove	917	13502	59040	33908	10931	06205	81358		
Malin	980	32706	56100	33709	00902	07001	83072		
Belmullet	976	10000	80010	33510	00902	09302	81070		
Birr	965	10000	75010	33708	00902	06205	81070		
Dublin	969	22706	70020	33211	00902	07302	82070		
Shannon	962	10000	58100	33409	00901	07301	81075		
Roches Point	952	43305	58050	32710	00901	08203	84080		
Valentia	953	30504	60100	33007	00902	07302	83070		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00050	51	+	+
Hurn	862	00050	01	+	+
Manston	797	97090	08	+	pr.
Gatwick	776	00060	00	+	+
Kew	775	00070	52	+	+
Heathrow	772	00070	03	+	+
Honington	586	00050	00	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00100	04	+	+
Filton	628	00070	02	+	+
Rhoose	715	00070	50	+	+
Hartland Point	703	00100	06		
Mount Batten	827	00100	04	+	+
St. Mawgan	817	00090	04	+	+
Scilly	804	00100	08	+	+
Culdrose	809	00070	03	+	+
Guernsey	894	00090	07	+	+
Elmdon	534	00030	53	+	+
Cardington	559	00010	53	+	+
Wittering	462	00050	03	+	+
Watnall	354	00070	01	+	+
Shawbury	414	00040	53	+	+
Finningley	360	00050	00	+	+
Spurn Point	396			+	+
Leeming	257	00050	01	+	+
Tynemouth	262	00090	03	+	+
Carlisle	222	00060	03	+	+
Valley	302	00080	03	+	+
Ringway	334	00090	01	+	+
Squires Gate	318	00050	02	+	+
Ronaldsway	204	00090	04	+	+
Mull of Galloway	131	00090			
Eskdalemuir	162	00020	51	+	+
Prestwick	135	00050	03	+	+
Abbotsinch	140	00050	53	+	+
Leuchars	171	00050	50	+	+
Dyce	091	00040	00	+	+
Lerwick	005	00090	09	+	f
Wick	075	00060	01	+	+
Sule Skerry	010	00080	08		
Cape Wrath	049	00090	09	+	+
Stornoway	026	00091	05	+	+
Benbecula	022	00100	06	f	f
Tiree	100	00070	02	ff	ffFFf
Aldergrove	917	00060	00	+	+
Malin	980	97070	03		
Belmullet	976	97071	02		
Birr	965	97050	03		
Dublin	969	00100	04		
Shannon	962	97090	05		
Roches Point	952	97100	04		
Valentia	953	97060	04		

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02001	80406	98032	18408	886//	00102	86643	/////	05107	10873	3//01	27/04
L	99570	70198	02004	81205	96616	24410	6732/	51802	86708	88535	0//11	11128	30000	17706
M	99658	10033	02004	92420	92476	19807	9////	00615	89/01	/////	0//08	10726	30403	99/03
R	99469	70172	02004	40714	98021	29413	42400	00001	84816	/////	0//12	11506	30000	07705

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02061	83608	98032	18608	855//	00310	88620	/////	05106	10881	30302	27004
L	99568	70202	02064	82025	96216	22611	873//	51502	88709	/////	0//11	11107	30806	14705
M	99658	10034	02064	82319	94614	16207	871//	00818	88703	/////	0//08	10737	30403	25903
R	99470	70172	02064	10816	97021	28512	15400	00603	81616	/////	0//12	11516	30706	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42197

Date of Issue FRIDAY 3 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 02 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	40314	65020	30415	45600	06706	84645		
Hurn	862	30414	60030	29816	31600	08506	83830		
Manston	797	73618	60028	29913	784//	09103	82812	87635	
Gatwick	776	70512	62022	30213	755//	06001	83626	87640	
Kew	775	70413	65022	30713	755//	07803	85625	87640	
Heathrow	772	70614	64012	30514	755//	07803	82625	87642	
Honington	586	70215	72022	30515	756//	06802	81630	87640	
Wattisham	590								
Gorleston	497	80122	60022	31111	856//	09205	88630		
Aberporth	502	60105	66041	31614	00901	09706	86075		
Filton	628	10513	61020	30717	11601	07608	81832		
Rhoose	715	30911	67020	30317	11601	08810	81832	83078	
Hartland Point	703	30612	66020	30613	10942	07000	81360	83075	
Mount Batten	827	10908	80020	29717	00901	09804	81075		
St. Mawgan	817	10307	80020	29817	00901	08604	81070		
Scilly	804	10814	75020	30517	00901	11601	81075		
Culdrose	809	10813	70050	30615	00901	07005	81070		
Guernsey	894	30521	70031	28113	38400	07301	81818		
Elmdon	534	10310	62040	31617	11601	07805	81835		
Cardington	559	70414	62021	31215	756//	08802	87630		
Wittering	462	50217	60051	31517	58500	07804	82828	84635	
Watnall	354	20411	68010	31518	00901	08708	82080		
Shawbury	414	20406	61040	31719	00901	09709	82075		
Finningley	360	13605	65020	32119	00901	08808	81080		
Spurn Point	396	10212	64010	32915	00901	09202	81075		
Leeming	257	10108	65020	32119	00901	08710	81080		
Tynemouth	262	11406	56020	32915	00901	09806	81075		
Carlisle	222	23007	58040	31919	00902	11711	82080		
Valley	302	10510	62010	32221	00901	07704	81080		
Ringway	334	10309	65021	31620	00901	03811	81075		
Squires Gate	318	13108	60020	32617	00901	10606	81077		
Ronaldsway	204	11805	62040	33116	00902	10802	81080		
Mull of Galloway	131	30205	78020	33017	00905	12604	83075		
Eskdalemuir	162	21205	75020	30921	11602	09709	81830		
Prestwick	135	62608	65031	33317	10945	09705	81365	85080	
Abbotsinch	140	63008	80021	32021	00902	05708	86075		
Leuchars	171	71009	80031	31418	00906	10711	87270		
Dyce	091	70804	62051	31121	10938	09708	81365	87280	
Lerwick	005	92622	02614	28810	9////	10604	89/00		
Wick	075	73110	65052	30519	25632	08704	82640	86362	
Sule Skerry	010	82520	16102	30311	864//	10001	88710		
Cape Wrath	049	82310	57052	30611	8092/	11504	88460		
Stornoway	026	72518	50052	31716	45630	12802	84635	86362	
Benbecula	022	62215	56052	33016	30932	12802	83365	85075	
Tiree	100	72909	24404	34216	35002	12301	81701	83615	87072
Aldergrove	917	23308	80020	33320	00902	06804	82075		
Malin	980	40504	58101	34314	00902	11702	84075		
Belmullet	976	13305	72010	33719	00902	12802	81070		
Birr	965	10706	62030	32721	11500	10708	81828		
Dublin	969	10612	70030	33219	00901	08703	81070		
Shannon	962	12301	68050	32820	11601	11608	81835		
Roches Point	952	11010	65011	32219	00901	08805	81080		
Valentia	953	10308	67050	32121	00902	11706	81070		

OBSERVATIONS at 18h. 02 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	00313	66010	29017	00900	07503			
Hurn	862	10312	62011	28319	14600	09607	81635		
Manston	797	80115	57052	29312	853//	09502	82709	84711	88620
Gatwick	776	10611	61021	28616	11600	09503	81832		
Kew	775	10311	65011	29117	11600	08501	81840		
Heathrow	772	10314	65011	28718	15600	08504	81640		
Honington	586	10214	68031	30013	15401	08303	81615		
Wattisham	590								
Gorleston	497	80317	50022	30111	855//	09400	88625		
Aberporth	502	03005	63051	30615	00900	11602			
Filton	628	00513	65020	29320	00900	08605			
Rhoose	715	00810	58051	29219	00900	08801			
Hartland Point	703	02903	61010	29914	00900	09000			
Mount Batten	827	12305	63050	29313	00901	09102	81075		
St. Mawgan	817	10112	70010	29115	11601	09702	81830		
Scilly	804	20000	65020	30515	00901	10714	82075		
Culdrose	809	30604	59050	29815	00901	08605	83075		
Guernsey	894	10515	62011	27912	11402	08602	81815		
Elmdon	534	10510	68020	30419	00902	07500	81075		
Cardington	559	30413	62051	30715	00901	07304	83080		
Wittering	462	20415	59051	30916	00901	08500	82075		
Watnall	354	20510	70020	30518	00902	06502	82082		
Shawbury	414	33513	64040	30319	00901	10301	83075		
Finningley	360	30707	63030	31019	00902	08503	83080		
Spurn Point	396	20206	62020	32113	00901	09602	82075		
Leeming	257	70510	65031	30721	00904	07504	87080		
Tynemouth	262	71406	56051	31914	40938	08605	84359	87275	
Carlisle	222	72807	81031	30620	00905	10503	82275	87080	
Valley	302	23407	70020	31919	00902	09603	82080		
Ringway	334	23208	65020	29922	11701	09607	81850		
Squires Gate	318	53209	60021	31316	00901	11506	85075		
Ronaldsway	204	63514	61021	31618	00901	09605	86078		
Mull of Galloway	131	53617	80031	32116	00905	11603	85275		
Eskdalemuir	162	83602	75031	30221	00907	07501	88275		
Prestwick	135	73216	70022	32417	10942	08603	81365	84068	86075
Abbotsinch	140	72910	80022	31619	20938	08801	82362	87272	
Leuchars	171	70307	80022	30416	30946	11502	83363	85270	87075
Dyce	091	70000	65052	30719	60971	09301	82362	85365	86075
Lerwick	005	73011	58026	28410	4537/	10205	82708	87358	
Wick	075	83215	40216	30514	5537/	11101	83708	84630	86359
Sule Skerry	010	92512	08435	30211	9////	11801	89/00		
Cape Wrath	049	82317	40052	30811	8092/	10804	88460		
Stornoway	026	82514	58052	32015	1567/	11502	81635	83362	88464
Benbecula	022	72211	45051	33214	7093/	12501	87364		
Tiree	100	63111	58402	34015	10942	11400	81360	85072	
Aldergrove	917	63611	80022	33118	00902	05301	86070		
Malin	980	70000	57101	34215	00908	12502	87275		
Belmullet	976	63609	75021	34217	00902	11102	86070		
Birr	965	10205	75020	32022	11600	08702	81832		
Dublin	969	20807	75030	32619	00901	08803	82070		
Shannon	962	10406	75010	31823	11600	09703	81835		
Roches Point	952	01804	56050	31916	00900	11603			
Valentia	953	10112	65050	32020	11600	11603	81832		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00180	147	+	+
Hurn	862	00190	142	+	+
Manston	797	97130	001	pr.	+
Gatwick	776	00170	054	+	+
Kew	775	00180	070	+	+
Heathrow	772	00190	069	+	+
Honington	586	00180	075	+	+
Wattisham	590				
Gorleston	497		035		
Aberporth	502	00160	146	+	+
Filton	628	00200	149	+	+
Rhoose	715	00200	149	+	+
Hartland Point	703	00160	140		
Mount Batten	827	00190	149	+	+
St. Mawgan	817	00190	146	+	+
Scilly	804	00170	146	+	+
Culdrose	809	00160	142	+	+
Guernsey	894	00140	077	+	+
Elmdon	534	00200	147	+	+
Cardington	559	00190	096	+	+
Wittering	462	00180	119	+	+
Watnall	354	00200	140	+	+
Shawbury	414	00230	143	+	+
Finningley	360	00210	140	+	+
Spurn Point	396			+	+
Leeming	257	00220	132	+	+
Tynemouth	262	00150	135	+	+
Carlisle	222	00230	132	+	+
Valley	302	00220	149	+	+
Ringway	334	00240	141	+	+
Squires Gate	318	00180	142	+	+
Ronaldsway	204	00220	136	+	+
Mull of Galloway	131	00200			
Eskdalemuir	162	00240	121	+	+
Prestwick	135	00190	126	+	+
Abbotsinch	140	00230	106	+	+
Leuchars	171	00230	102	+	+
Dyce	091	00220	084	+	+
Lerwick	005	02111	001	r.r.ff	+
Wick	075	97190	053	ir.	ir.
Sule Skerry	010	97111			
Cape Wrath	049	00110	004	+	+
Stornoway	026	00180	036	+	+
Benbecula	022	00160	083	+	+
Tiree	100	00170	117	jf	jf
Aldergrove	917	00210	149	+	+
Malin	980	0016	123		
Belmullet	976	9721	148		
Birr	965	0023	145		
Dublin	969	0020	150		
Shannon	962	9724	145		
Roches Point	952	0021	150		
Valentia	953	0023	143		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

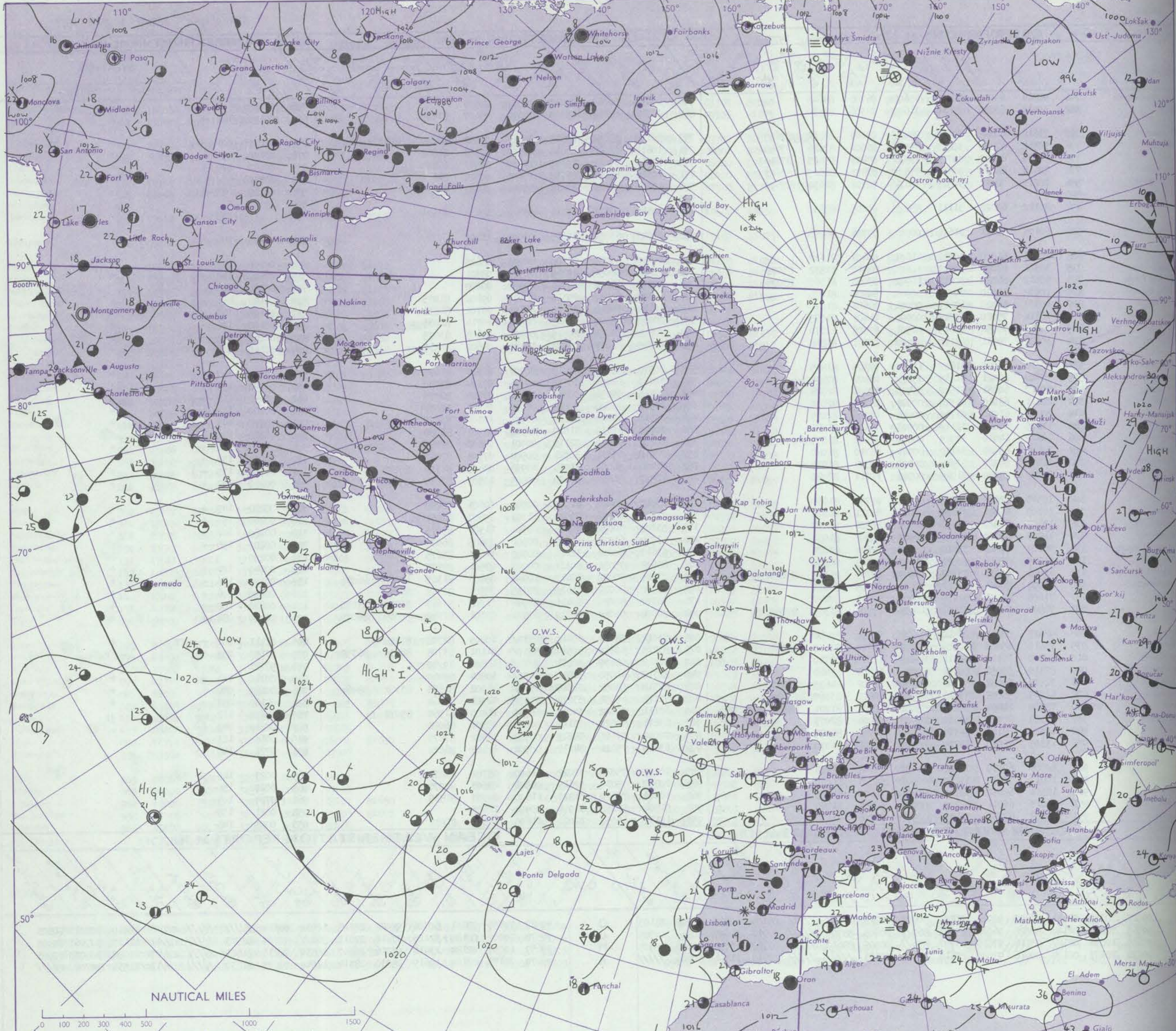
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02121	80207	98022	21808	50932	00218	/////	/////	05106	10883	30302	28103
L	99569	70200	02124	82025	96022	25311	863//	00208	88709	/////	0//11	11097	30806	14705
M	99659	10036	02124	83116	97616	13707	854//	00505	88610	/////	0//07	10742	30402	25903
R	99470	70173	02124	00616	97020	29114	00900	00303	/////	/////	0//12	11501	30706	/////

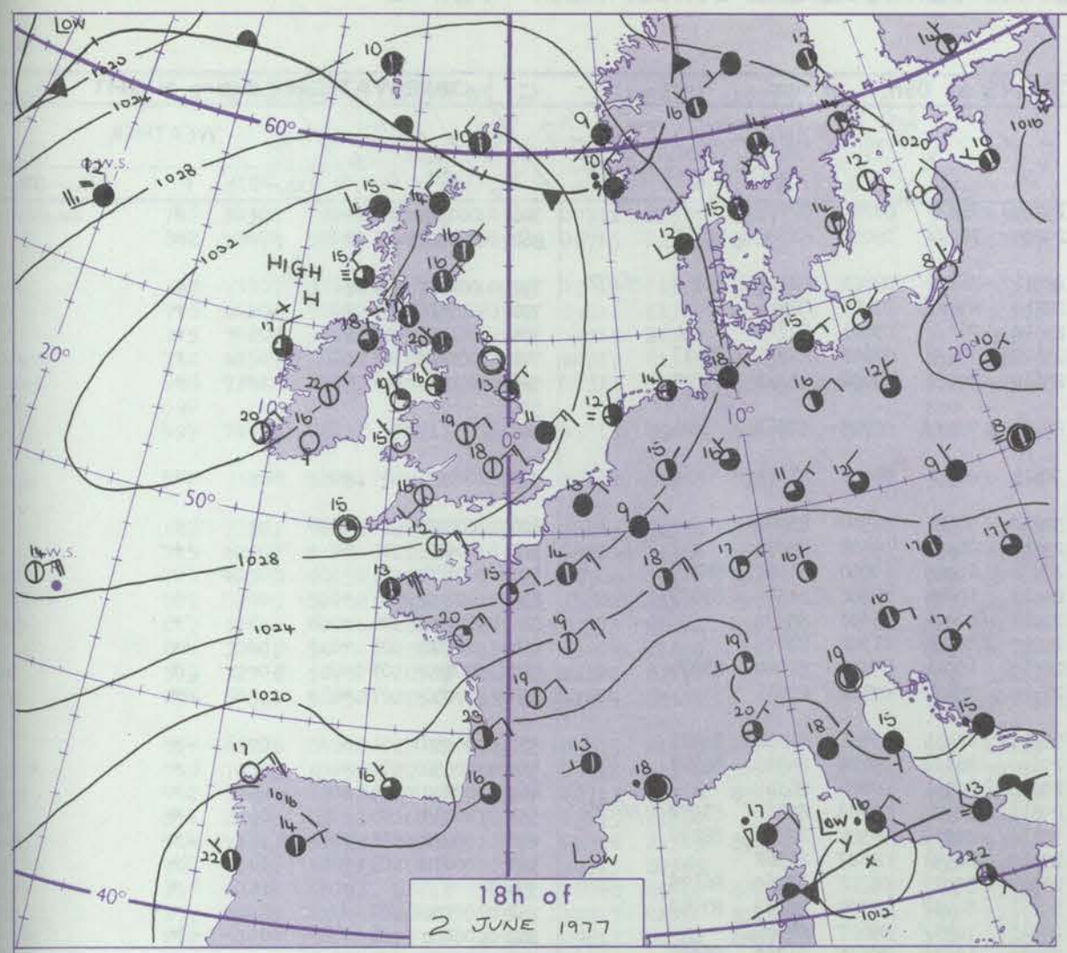
OCEAN WEATHER STATION REPORTS at 18h.

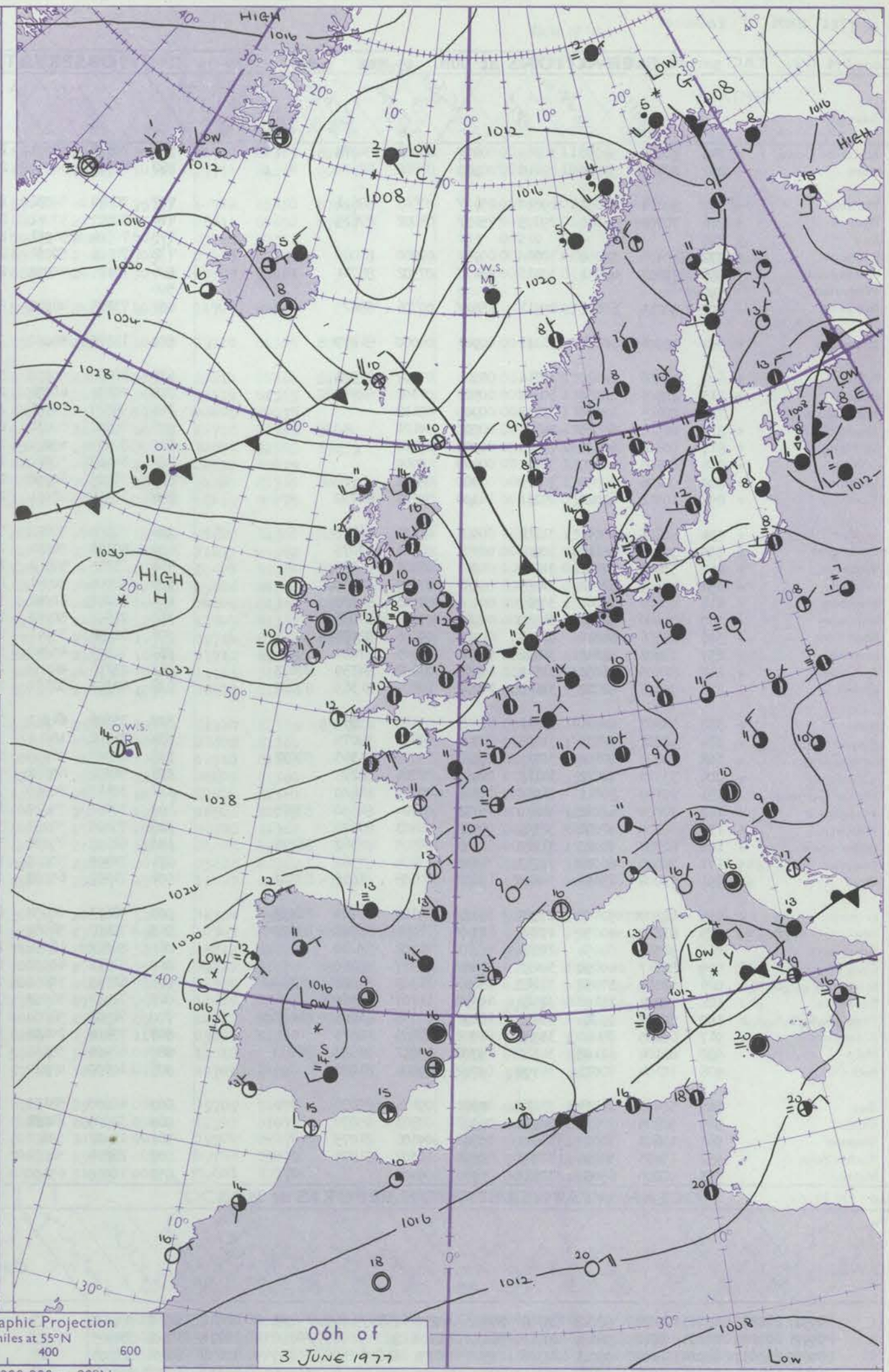
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02181	60306	98022	25208	10932	00314	/////	/////	05006	10919	30201	11803
L	99570	70200	02184	82125	93414	27011	862//	00307	88703	/////	0//11	11117	30706	24805
M	99659	10038	02184	23416	98016	19807	15530	00235	81625	/////	0//07	10788	30402	25903
R	99470	70173	02184	10619	98030	28314	12540	00707	81830	/////	0//12	11534	30706	/////

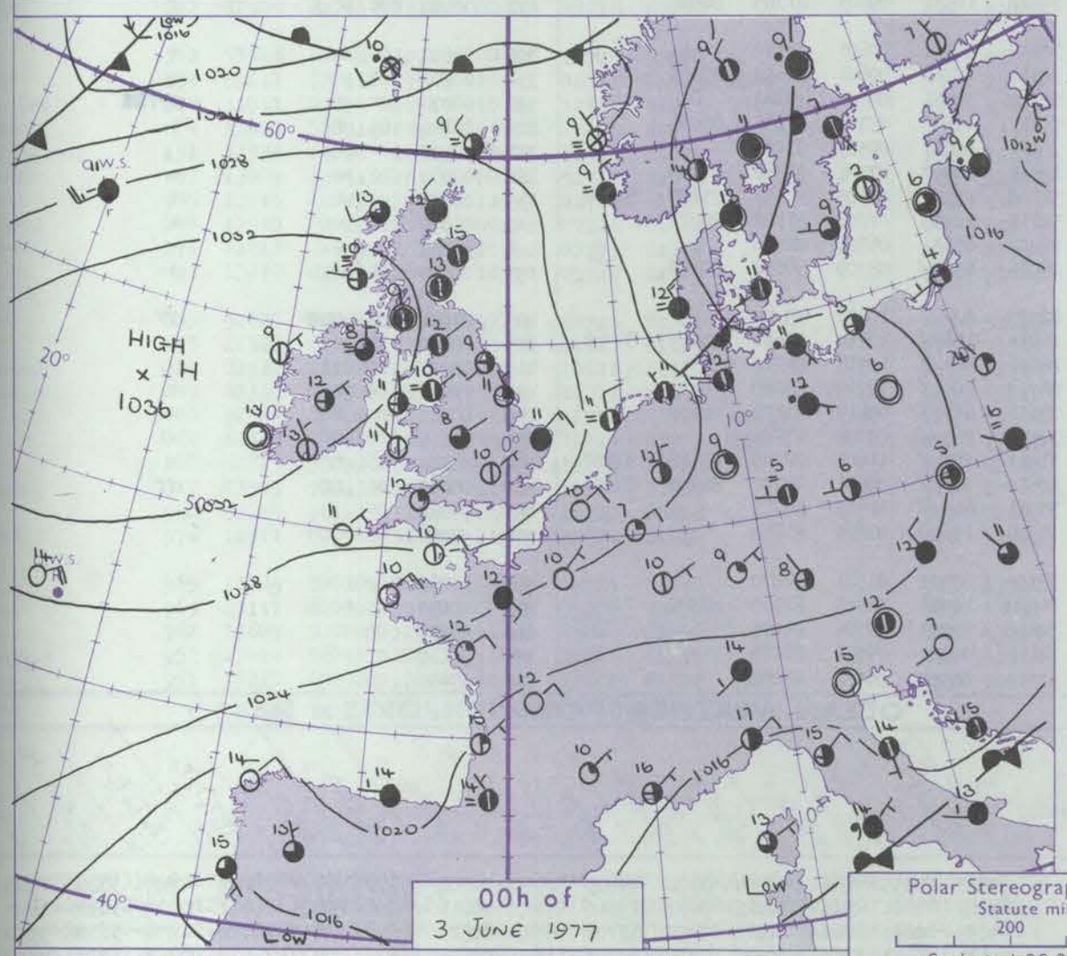
Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 3 JUNE 1977

During the past 24 hours the anticyclone centred over Northern Ireland drifted slowly southwestwards. During the next 24 hours the anticyclone is expected to drift further westwards, whilst a cold front, at present slow-moving north of Shetland, is expected to move steadily southeastwards across much of the British Isles.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V

OBSERVATIONS at 00h. 03 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	40105	58050	30309	00901	06000	84078		
Hurn	862	20405	58030	29410	00902	07302	82070		
Manston	797	80214	57052	29210	854//	07803	88611		
Gatwick	776	70702	56041	29809	754//	08002	87615		
Kew	775								
Heathrow	772	10406	57050	30010	00901	07000	81080		
Honington	586	80207	45051	30310	864//	07502	88711		
Wattisham	590								
Gorleston	497	80215	60022	29811	855//	09706	88625		
Aberporth	502	12906	60050	31311	00901	09000	81075		
Filton	628	10906	62020	30711	00901	07002	81078		
Rhoose	715	20803	60050	30312	00901	07302	82078		
Hartland Point	703	00605	62020	30312	00900	09102			
Mount Batten	827	00507	65020	29314	00900	09101			
St. Mawgan	817	00608	60050	29513	00900	08102			
Scilly	804	00405	60020	30211	00900	10000			
Culdrose	809	00406	57050	30010	00900	08801			
Guernsey	894	10512	62020	28310	16300	09201	81709		
Elmdon	534	60601	60041	31208	00901	06801	86075		
Cardington	559	30304	45110	30906	00901	06803	83075		
Wittering	462	53605	57051	31209	00901	07802	85075		
Watnall	354	40304	62011	31409	00901	07602	84080		
Shawbury	414	40404	48041	30912	00902	08803	84075		
Finningley	360	70000	58041	31509	00902	07804	87078		
Spurn Point	396	23306	64010	31511	00901	09806	82075		
Leeming	257	72402	58042	31412	00902	08803	87080		
Tynemouth	262	82305	56052	31514	40937	08608	84359	88275	
Carlisle	222	70402	62022	30612	10932	10804	81365	87078	
Valley	302	53607	65021	31811	00902	09805	85080		
Ringway	334	42202	57031	31013	00901	08801	84075		
Squires Gate	318	70602	50102	30710	10932	10705	81365	87072	
Ronaldsway	204	83513	72022	31113	00907	07705	88278		
Mull of Galloway	131	20118	80011	31912	15505	09705	81620		
Eskdalemuir	162	70000	62022	31610	15732	06704	81650	87075	
Prestwick	135	70000	57052	32509	00902	07803	87070		
Abbotsinch	140	62707	70022	31712	20938	05805	82362	86272	
Leuchars	171	70000	66022	30713	70932	10804	87362		
Dyce	091	73002	65052	30415	15632	09808	81635	87362	
Lerwick	005	62809	50102	27509	3527/	09712	82703	86358	
Wick	075	83210	40052	29712	853//	11708	82708	88620	
Sule Skerry	010	92515	08454	29311	9////	11708	89/00		
Cape Wrath	049	82317	40052	30111	8092/	11707	88460		
Stornoway	026	62311	57052	31113	4563/	11808	84645	85360	
Benbecula	022	52208	25102	32512	40932	11707	84364		
Tiree	100	52707	09404	33410	16232	10706	81703	84070	
Aldergrove	917	63605	05462	33508	00902	07803	86075		
Malin	980	62104	62102	34110	15702	10802	81650	86070	
Belmullet	976	10104	70011	34309	00902	09804	81070		
Birr	965	50403	66031	33112	00902	09106	85070		
Dublin	969	52805	70021	32812	00902	07803	85070		
Shannon	962	13603	70020	33014	00902	09306	81075		
Roches Point	952	13403	58050	32313	00901	10302	81075		
Valentia	953	00000	65050	32613	00900	09400			

OBSERVATIONS at 06h. 03 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	70308	35051	29709	762//	07001	87705		
Hurn	862	70407	30051	29209	763//	08002	83708	87712	
Manston	797	70110	59022	28011	26332	08603	82709	84362	86072
Gatwick	776	80503	57042	28810	854//	07400	88616		
Kew	775	70306	56051	29310	764//	07603	87715		
Heathrow	772	70306	50051	29110	754//	07603	81711	87613	
Honington	586	73105	45052	28610	50972	08606	85360	85075	
Wattisham	590								
Gorleston	497	73308	48022	27909	7097/	09705	87360		
Aberporth	502	12805	58050	30611	00901	09701	81075		
Filton	628	30405	50050	30210	00901	08500	83078		
Rhoose	715	20202	40050	29810	00902	08502	82078		
Hartland Point	703	50508	58051	29812	10945	10000	81360	84275	
Mount Batten	827	70504	66031	29013	10946	08500	81369	87075	
St. Mawgan	817	50607	65021	29312	00901	06503	85070		
Scilly	804	30407	50020	29812	00902	11301	83075		
Culdrose	809	30405	60050	29710	10911	07301	81464	83070	
Guernsey	894	70511	62031	27710	754//	07302	87611		
Elmdon	534	70000	57042	30210	10935	08501	81362	87075	
Cardington	559	80102	56051	29610	863//	09704	84708	88712	
Wittering	462	73205	57051	29710	60951	07606	86360		
Watnall	354	72904	50041	29611	30978	07705	82362	83072	86275
Shawbury	414	82202	42041	30110	20937	08502	82363	88270	
Finningley	360	72502	50042	29510	60958	08607	86362		
Spurn Point	396	62908	35011	28912	50979	08712	85360	86175	
Leeming	257	72502	45042	29211	50932	08709	85362	87080	
Tynemouth	262	73206	48052	29513	7093/	09607	87360		
Carlisle	222	62502	32112	29510	10932	09603	81365	86078	
Valley	302	33506	61011	30812	00901	10603	83080		
Ringway	334	71902	18041	30311	1573/	09601	81650	87359	
Squires Gate	318	40903	01444	29908	30931	08601	83362		
Ronaldsway	204	51202	65012	30113	10942	08301	81363	85075	
Mull of Galloway	131	30117	80010	30911	00901	09505	83075		
Eskdalemuir	162	70000	75032	29811	10942	07706	81362	87075	
Prestwick	135	73005	59052	31109	15832	08605	81657	83075	86080
Abbotsinch	140	62607	75022	30212	10938	07706	81362	86272	
Leuchars	171	72409	80012	28814	65632	06708	86640		
Dyce	091	71903	65052	28016	6567/	08709	86632	87360	
Lerwick	005	92623	01454	22910	9////	10827	89/00		
Wick	075	72408	56052	26814	1567/	10714	81640	83359	87362
Sule Skerry	010	82522	16054	26011	864//	10716	88710		
Cape Wrath	049	82317	40052	26710	8091/	10719	88460		
Stornoway	026	62518	30052	28611	653//	09814	83706	86630	
Benbecula	022	72413	56052	30512	763//	09708	87708		
Tiree	100	72908	58054	31912	753//	11605	82709	83618	87630
Aldergrove	917	73406	20104	32610	761//	09601	81702	84703	86704
Malin	980	62409	58104	33011	664//	11503	86718		
Belmullet	976	10000	08424	33507	15602	07603	81640		
Birr	965	40000	58101	33109	00902	08501	84070		
Dublin	969	32909	81021	31909	10932	03603	81360	83070	
Shannon	962	13402	59101	32610	00902	07704	81075		
Roches Point	952	23206	56051	32111	00902	09502	82075		
Valentia	953	10000	65100	32310	00902	09502	81070		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00070	01	+	+
Hurn	862	00060	02	+	+
Manston	797	00100	09	+	+
Gatwick	776	00090	03	+	+
Kew	775	00100	07	+	+
Heathrow	772	00090	07	+	+
Honington	586	00080	06	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00090	05	+	+
Filton	628	00080	51	+	+
Rhoose	715	00070	00	+	+
Hartland Point	703	00120	08		
Mount Batten	827	00110	06	+	+
St. Mawgan	817	00100	04	+	+
Scilly	804	00110	05	+	+
Culdrose	809	00080	03	+	+
Guernsey	894	00090	07	+	+
Elmdon	534	00050	01	+	+
Cardington	559	00050	00	+	+
Wittering	462	00070	05	+	+
Watnall	354	00080	03	+	+
Shawbury	414	00070	02	+	+
Finningley	360	00070	03	+	+
Spurn Point	396			+	+
Leeming	257	00100	07	+	+
Tynemouth	262	00120	06	+	+
Carlisle	222	00090	04	+	+
Valley	302	00090	06	+	+
Ringway	334	00100	07	+	+
Squires Gate	318	00070	04	f	FFf
Ronaldsway	204	00120	09	+	+
Mull of Galloway	131	00100			
Eskdalemuir	162	00060	02	+	+
Prestwick	135	00070	02	+	+
Abbotsinch	140	00090	04	+	+
Leuchars	171	00120	10	+	+
Dyce	091	00140	11	+	+
Lerwick	005	92081	08	1fFF	FF
Wick	075	00120	11	+	+
Sule Skerry	010	00091	10		
Cape Wrath	049	00080	09	+	+
Stornoway	026	00110	09	+	+
Benbecula	022	00110	10	+	+
Tiree	100	00090	06	ff	+
Aldergrove	917	00080	02	ff	ff
Malin	980	97080	07		
Belmullet	976	97060	03		
Birr	965	97060	02		
Dublin	969	00080	03		
Shannon	962	97080	05		
Roches Point	952	97110	05		
Valentia	953	97090	06		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03001	50705	98012	28308	20932	00216	/////	/////	05107	10917	3//01	10/03
L	99571	70199	03004	82125	96024	28011	862//	51307	88705	/////	0//11	11115	30806	24905
M	99659	10037	03004	23007	98021	22306	15540	00008	81630	/////	0//05	10738	30201	27803
R	99471	70174	03004	00721	97022	29314	00900	00105	/////	/////	0//13	11515	30706	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03061	50804	98031	29408	50950	00500	/////	/////	00008	10897	30201	10803
L	99568	70201	03064	82416	94506	29310	872//	00211	86704	88705	0//11	11119	30805	16805
M	99658	10039	03064	81812	98032	18706	6857/	00825	82820	85630	0//06	10778	30302	99/03
R	99471	70173	03064	10622	97030	28214	11500	00605	81820	/////	0//13	11505	30706	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42198

Date of Issue SATURDAY 4 JUNE 1977

Code FM 11.V **OBSERVATIONS at 12h.** 3 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	50307	62031	27419	10931	07711	81364	85075	
Hurn	862	50408	59051	27120	30931	08715	83365	84075	
Manston	797	73307	56052	26715	10938	09810	81362	87268	
Gatwick	776	60208	58042	26719	20942	09816	81362	85075	
Kew	775	70206	60022	27019	60931	09718	86360		
Heathrow	772	63507	59052	26819	10931	10717	81365	86080	
Honington	586	73412	65032	26220	11672	07713	81840	83365	85080
Wattisham	590								
Gorleston	497	73416	58022	25717	55601	07715	85630	83075	
Aberporth	502	73208	58051	29913	10942	11807	81366	87075	
Filton	628	73507	64031	27821	10942	11813	81365	87078	
Rhoose	715	62507	56051	27819	10931	09813	81364	86078	
Hartland Point	703	40508	60051	29016	10945	08708	81360	83275	
Mount Batten	827	52009	50052	28315	10942	11802	81364	83080	
St. Mawgan	817	33612	60021	28818	10942	09705	81362	83075	
Scilly	804	30409	56030	29817	11509	13804	81820		
Culdrose	809	32708	56050	28719	00909	11812	83170		
Guernsey	894	60513	58052	27511	55432	07804	85613		
Elmdon	534	63208	64042	27022	10932	09815	81365	86075	
Cardington	559	70307	60052	27021	10932	09818	81365	87080	
Wittering	462	50209	68012	27020	10932	08713	81364	85075	
Watnall	354	22904	62011	26023	10941	09819	81360		
Shawbury	414	73613	67022	27521	10942	09716	81365	87075	
Finningley	360	43606	62051	26623	20932	10715	82365		
Spurn Point	396	60214	62032	27718	50971	08708	85360	86075	
Leeming	257	30409	62041	26422	10942	10817	81362	83073	
Tynemouth	262	51004	56022	27716	20931	09813	82360	85075	
Carlisle	222	32909	82011	27121	00902	10818	83078		
Valley	302	53416	62041	30215	00902	10706	85080		
Ringway	334	53011	62011	27521	10931	08715	81365	85075	
Squires Gate	318	33011	60034	28516	10942	12811	81362	83075	
Ronaldsway	204	33324	62051	28917	16402	07615	81717	83075	
Mull of Galloway	131	13525	62020	29515	00901	11811	81075		
Eskdalemuir	162	13009	82011	26522	00902	51714	81075		
Prestwick	135	13015	68021	29616	11542	08712	81822		
Abbotsinch	140	12910	80021	27920	00909	07816	81172		
Leuchars	171	12816	84021	25324	10942	03723	81364		
Dyce	091	13010	81011	24723	10942	05818	81363		
Lerwick	005	92623	02454	20010	9////	10715	89/01		
Wick	075	22823	62051	23619	18630	11817	81835		
Sule Skerry	010	82532	16102	24011	864//	10611	88710		
Cape Wrath	049	82315	40052	25510	8092/	10707	88460		
Stornoway	026	72524	30052	26315	753//	11718	83707	87615	
Benbecula	022	82312	40052	28813	853//	11714	83707	88612	
Tiree	100	62815	59052	30315	655//	11812	86627		
Aldergrove	917	13309	70011	30519	11601	09814	81835		
Malin	980	63014	58101	31714	614//	10710	86818		
Belmullet	976	12911	60054	33617	11502	12704	81820		
Birr	965	13509	80010	31520	00902	04711	81070		
Dublin	969	23111	82030	30321	00902	05809	82070		
Shannon	962	13607	80020	32021	11601	05807	81840		
Roches Point	952	13414	58051	30921	11401	10808	81818		
Valentia	953	33210	65050	32019	11501	13802	81827	83075	

OBSERVATIONS at 18h. 3 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	43406	66021	24023	20931	11717	82365	83075	
Hurn	862	53607	62022	24323	10931	09714	81364	85075	
Manston	797	70310	57052	24614	757//	10702	83650	87657	
Gatwick	776	70108	64032	23722	757//	08611	81650	87657	
Kew	775	70207	70021	24022	7097/	09712	87358		
Heathrow	772	73606	65032	23823	7095/	09713	87362		
Honington	586	40111	66011	24418	30942	09707	83363		
Wattisham	590								
Gorleston	497	43620	58051	24215	40930	11707	84360		
Aberporth	502	73506	65032	28115	10932	09710	81365	87075	
Filton	628	52508	63031	25021	30931	10614	83361	83078	
Rhoose	715	62506	64012	24918	10931	11714	81365	86075	
Hartland Point	703	52706	80022	27617	00904	08605	84075		
Mount Batten	827	62305	56052	26614	20982	12712	82365	84080	
St. Mawgan	817	73308	65021	27417	20938	10606	82365	87275	
Scilly	804	50214	60031	28516	00902	10710	85075		
Culdrose	809	53611	56051	27818	10931	11803	81365	84075	
Guernsey	894	60305	56051	26214	00902	08612	86075		
Elmdon	534	63114	80022	24521	10942	01607	81360	86080	
Cardington	559	70708	62052	24321	7095/	11611	87362		
Wittering	462	60911	64022	24918	50932	12604	85364	83075	
Watnall	354	63207	62031	24021	40931	09606	84360	84078	
Shawbury	414	43415	80021	26219	10942	04606	81362	84075	
Finningley	360	21106	62031	24221	10932	11609	81362		
Spurn Point	396	31202	57011	25215	10972	09714	81360	83075	
Leeming	257	12913	82010	23524	10941	07712	81365		
Tynemouth	262	11606	56051	24415	00909	11715	81175		
Carlisle	222	13008	83010	25021	10941	08607	81363		
Valley	302	53606	59041	28517	10942	11710	81365	85080	
Ringway	334	23215	70031	25819	10941	08608	81365		
Squires Gate	318	23012	60021	26516	10941	12710	81365		
Ronaldsway	204	23515	62020	28015	10941	08609	81360		
Mull of Galloway	131	23635	66020	28313	10949	10704	81360		
Eskdalemuir	162	12911	80010	25218	10930	06506	81365		
Prestwick	135	13018	60020	27914	10941	08708	81362		
Abbotsinch	140	13018	62050	26517	11601	08805	81830		
Leuchars	171	22816	82030	23222	20930	05608	82362		
Dyce	091	73409	65051	23217	4577/	11602	84650	87362	
Lerwick	005	53018	80035	20110	52402	06304	85814		
Wick	075	73319	58208	23911	45432	10303	82710	83615	87072
Sule Skerry	010	32716	74015	24511	32500	08212	83820		
Cape Wrath	049	53210	70015	25410	35330	09210	83708	85358	
Stornoway	026	73414	80016	26811	784//	10305	84716	85630	
Benbecula	022	73013	25505	27312	761//	12606	84702	87707	
Tiree	100	82815	40501	28513	854//	12811	84612	88620	
Aldergrove	917	13515	62050	29116	11600	09608	81830		
Malin	980	02613	56051	30215	00900	11810			
Belmullet	976	42912	57051	32315	41500	10708	84820		
Birr	965	13510	81020	29720	00902	09709	81070		
Dublin	969	13012	80010	28519	00901	12507	81075		
Shannon	962	43215	80030	30819	00902	09504	84070		
Roches Point	952	53212	70021	29521	00901	09708	85075		
Valentia	953	30112	68050	31519	00901	09601	83070		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00230	118	+	+
Hurn	862	00240	103	+	+
Manston	797	00190	023	+	+
Gatwick	776	00230	069	+	+
Kew	775	00230	084	+	+
Heathrow	772	00240	085	+	+
Honington	586	00220	053	+	+
Wattisham	590				
Gorleston	497		033		
Aberporth	502	00150	143	+	+
Filton	628	00230	137	+	+
Rhoose	715	00200	131	+	+
Hartland Point	703	00170	134		
Mount Batten	827	00180	126	+	+
St. Mawgan	817	00200	142	+	+
Scilly	804	00180	123	+	+
Culdrose	809	00210	133	+	+
Guernsey	894	00150	052	+	+
Elmdon	534	00250	131	+	+
Cardington	559	00230	089	+	+
Wittering	462	00240	097	+	+
Watnall	354	00250	090	+	+
Shawbury	414	00220	140	+	+
Finningley	360	00250	105	+	+
Spurn Point	396			+	+
Leeming	257	00260	115	+	+
Tynemouth	262	00180	118	+	+
Carlisle	222	00240	133	+	+
Valley	302	00170	148	+	+
Ringway	334	00220	138	+	+
Squires Gate	318	00170	121	+	+
Ronaldsway	204	00190	150	+	+
Mull of Galloway	131	00170			
Eskdalemuir	162	00230	126	+	+
Prestwick	135	00170	124	+	+
Abbotsinch	140	00210	129	+	+
Leuchars	171	92251	113	+	rr_o
Dyce	091	97240	089	+	r_o
Lerwick	005	92111	019	$FFff1d_o$	+
Wick	075	97190	057	$1r_o$	pr_o1d_o
Sule Skerry	010	95110			
Cape Wrath	049	01100	016	dd	dd
Stornoway	026	01151	032	d_or_o	$d_or_od_od_o$
Benbecula	022	97141	004	$1d_o$	$1d_o$
Tiree	100	93161	043	+	$d_od_od_or_od_od_o$
Aldergrove	917	00210	133	+	+
Malin	980	0016	119		
Belmullet	976	9717	122		
Birr	965	0022	137		
Dublin	969	0023	143		
Shannon	962	9723	151		
Roches Point	952	0023	144		
Valentia	953	0021	148		

Code FM 21.V **OCEAN WEATHER STATION REPORTS at 12h.**

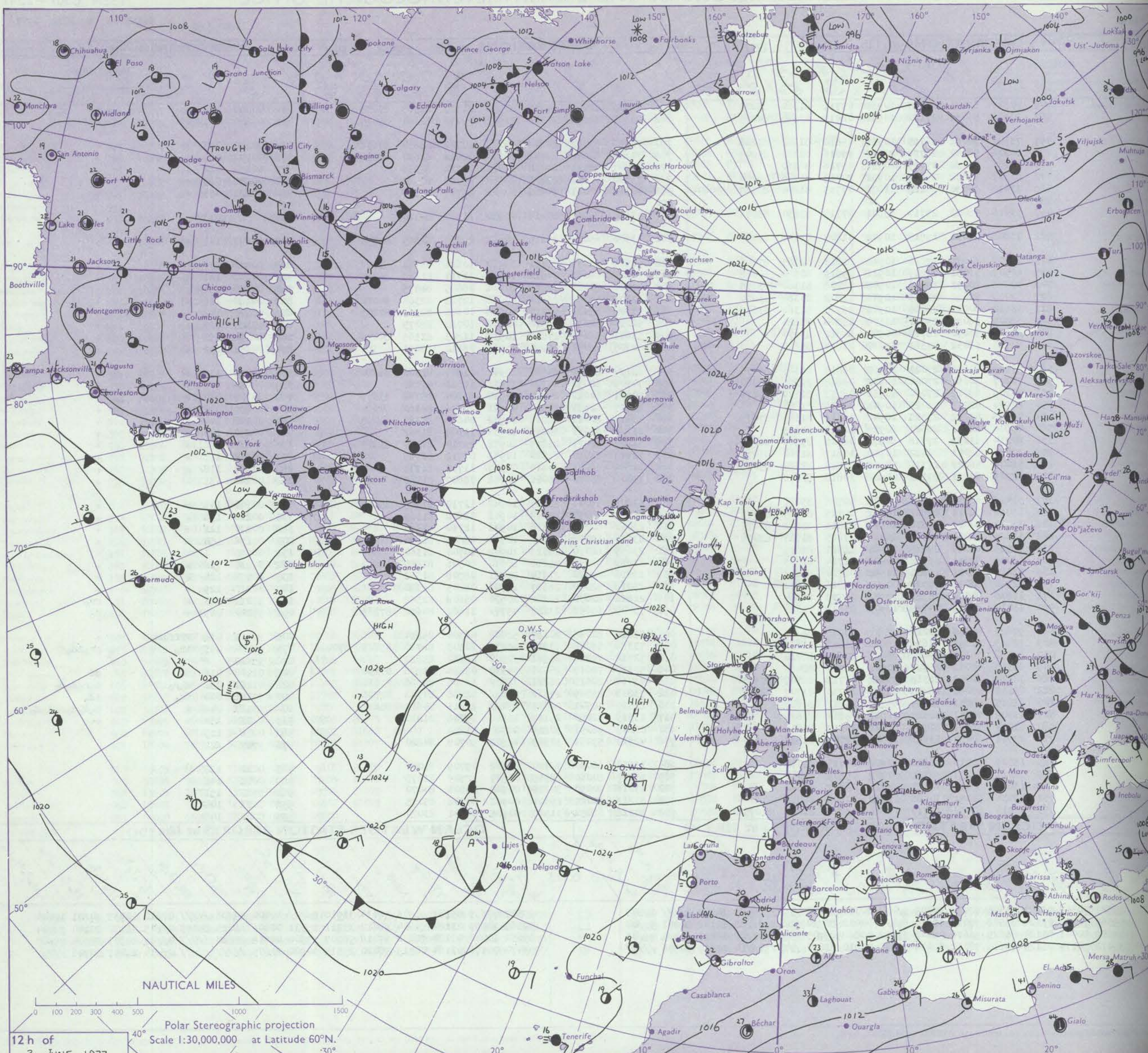
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_a$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03121	91504	92474	30409	9////	00310	89/03	/////	00009	10902	3////	10803
L	99568	70200	03124	83508	97015	32610	854//	00012	82710	88622	0//07	11102	30201	99/04
M	99659	10041	03124	81225	96616	08006	7722/	00868	87705	88550	0//06	10783	30404	99/03
R	99472	70174	03124	10616	98011	30014	11500	00210	81830	/////	0//14	11519	30706	/////

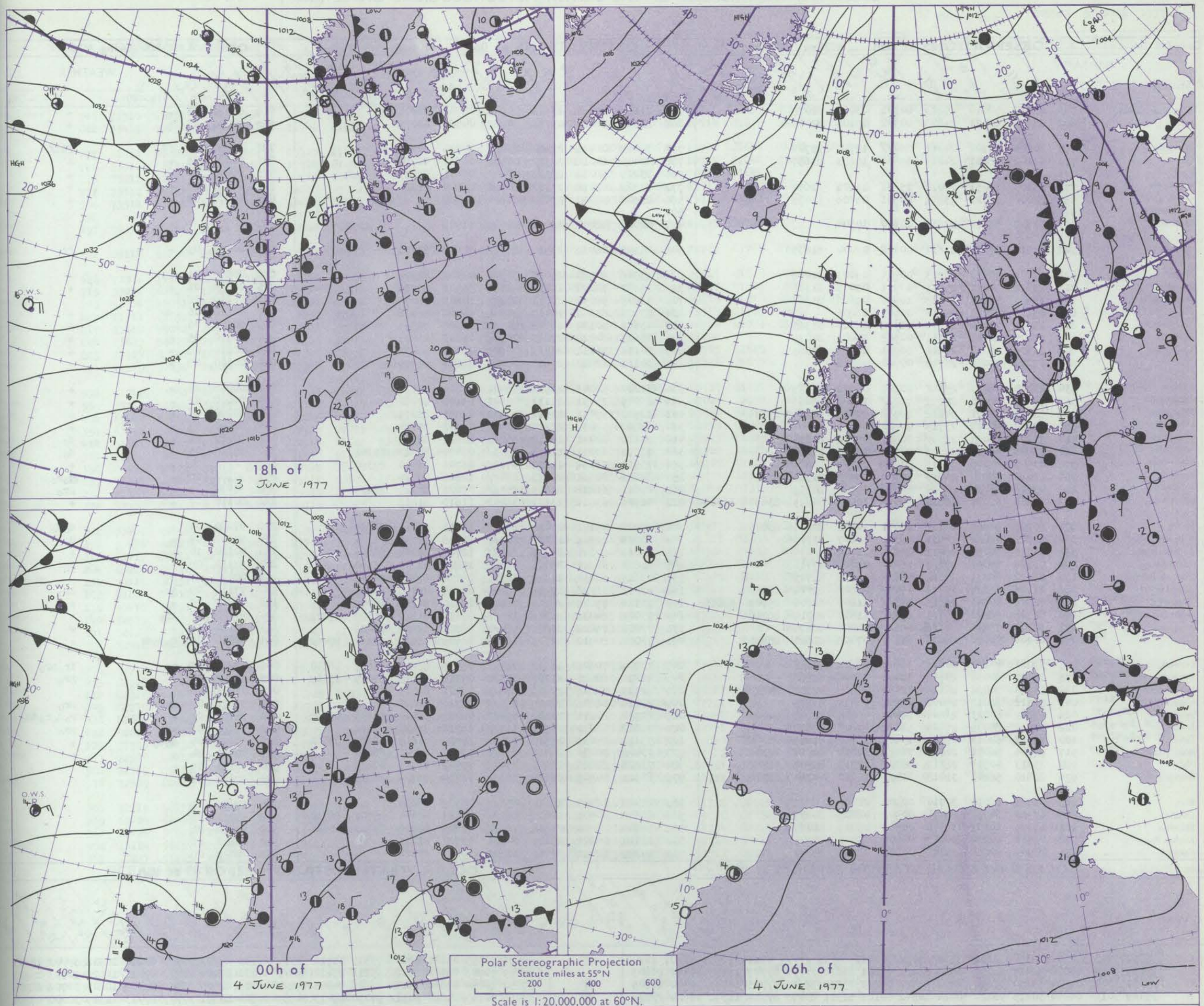
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_a$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03181	91906	92434	31910	9////	00400	89/06	/////	00210	10933	30201	10004
L	99569	70199	03184	52804	98012	33211	15531	00806	81625	84075	0//05	11170	30100	99/04
M	99652	10040	03184	72832	97016	98107	75500	00719	87620	/////	0//07	10809	30504	99/03
R	99470	70170	03184	00719	98020	29315	00900	21605	/////	/////	0//14	11447	30706	/////

Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 4 JUNE 1977

During the past 24 hours the anticyclone west of Ireland continued moving away westwards whilst a deepening depression moved from the Norwegian Sea into northern Scandinavia. The associated cold front moved southwards across Scotland, Northern Ireland and northern England. During the next 24 hours the anticyclone will continue moving westwards over the Atlantic, whilst a depression southwest of Iceland deepens as it moves east and then southeast to the northern North Sea, its associated fronts crossing Scotland. The cold front over northern England will move south across remaining parts of England as a weakening feature.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

OBSERVATIONS at 00h. 4 JUNE 1977

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Boscombe Down	746	23210	70010	25213	00901	03003	82075		
Hurn	862	23407	60021	24813	00902	05102	82075		
Manston	797	80502	15102	24211	860//	11703	88700		
Gatwick	776	42102	58041	24213	35830	10801	83657		
Kew	775								
Heathrow	772	53103	59051	24016	25801	11801	82657	84080	
Honington	586	30000	57021	23811	00901	09806	83075		
Wattisham	590								
Gorleston	497	02904	58010	23612	00900	10504			
Aberporth	502	13510	59051	27611	00902	09000	81075		
Filton	628	12702	70011	26213	00901	03003	81078		
Rhoose	715	13612	70011	25915	10931	05003	81364		
Hartland Point	703	13505	74010	27413	10940	09303	81360		
Mount Batten	827	03608	82021	25814	00900	06806			
St. Mawgan	817	13206	70011	27611	10932	08000	81365		
Scilly	804	23505	80011	28711	00902	10001	82075		
Culdrose	809	13309	68011	27812	10931	08802	81365		
Guernsey	894	03009	50051	25712	00900	09806			
Elmdon	534	23210	68021	25312	00901	05802	82075		
Cardington	559	72602	57051	24212	757//	11806	87656		
Wittering	462	52705	57022	24112	20932	09710	82364	85075	
Watnall	354	02812	60011	23713	00900	08811			
Shawbury	414	33207	75031	26310	00901	05802	83075		
Finningley	360	12906	40040	23513	00901	08807	81080		
Spurn Point	396	01907	61020	24011	00900	09711			
Leeming	257	13010	82020	24013	10930	05400	81360		
Tynemouth	262	43416	66020	24414	40930	07104	84359		
Carlisle	222	72806	62031	25613	5553/	10500	84625	83650	86362
Valley	302	30107	56041	28211	20971	10802	82365	83075	
Ringway	334	32703	45040	25611	26301	10807	82709		
Squires Gate	318	03217	50050	25412	00900	11704			
Ronaldsway	204	73106	56051	27411	764//	09000	87713		
Mull of Galloway	131	83420	60031	27212	864//	11808	88715		
Eskdalemuir	162	61106	62021	24812	4547/	09801	82714	83650	
Prestwick	135	82806	40041	26813	853//	11807	82706	85709	88616
Abbotsinch	140	82508	58021	25713	854//	11810	82711	86716	
Leuchars	171	62708	75016	2411+	656//	10000	86635		
Dyce	091	83206	70056	24610	855//	07008	81620	88625	
Lerwick	005	33011	75251	20608	38401	06801	83813		
Wick	075	33012	80031	23906	18401	06708	81818		
Sule Skerry	010	52714	74031	24109	22531	06608	82820	84075	
Cape Wrath	049	53212	82012	25008	48501	07811	83825		
Stornoway	026	42807	80021	26607	18402	06808	81818	84070	
Benbecula	022	52912	84035	27509	58402	07606	84818		
Tiree	100	13411	80016	27609	15401	09702	81615		
Aldergrove	917	72704	56051	28313	764//	10811	82710	87712	
Malin	980	83313	40515	28312	863//	12711	85707	88711	
Belmullet	976	82810	56101	31013	864//	12710	84714	88718	
Birr	965	03501	66011	30710	00900	08004			
Dublin	969	42910	64031	28911	00902	08805	84075		
Shannon	962	13306	60101	31312	00902	09003	81075		
Roches Point	952	73014	62032	30413	00901	09005	87075		
Valentia	953	43504	70051	31711	00901	08000	84070		

OBSERVATIONS at 06h. 4 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Boscombe Down	746	23107	82010	23911	00901	03701	82075		
Hurn	862	33305	80020	23711	00902	04501	83075		
Manston	797	72002	04414	22410	760//	10704	87700		
Gatwick	776	43406	64011	22712	00901	06602	84080		
Kew	775	13205	58050	23312	00901	07601	81075		
Heathrow	772	23305	62011	23112	00901	07500	81080		
Honington	586	02506	36050	21410	00900	09806			
Wattisham	590								
Gorleston	497	02006	48050	21012	00900	11709			
Aberporth	502	83306	08421	26910	860//	10502	88701		
Filton	628	13506	80010	25012	00901	03501	81078		
Rhoose	715	33602	70010	25210	00901	06501	83075		
Hartland Point	703	33605	58050	26712	00901	10503	83075		
Mount Batten	827	23403	63010	25413	00901	10400	82078		
St. Mawgan	817	43606	50100	26811	10932	10500	81365	84075	
Scilly	804	33607	80020	27813	00902	11603	83075		
Culdrose	809	50111	56051	26713	00901	09301	85072		
Guernsey	894	10110	62020	23813	00902	06604	81075		
Elmdon	534	33214	56041	23911	16401	08706	81710		
Cardington	559	23009	35051	23111	00901	09105	82080		
Wittering	462	12912	57051	22611	00901	09501	81075		
Watnall	354	52905	59051	23112	50952	08502	85364		
Shawbury	414	83211	50041	24612	862//	11607	88705		
Finningley	360	73010	62031	22813	5543/	08501	85617	85362	
Spurn Point	396	73515	56031	21212	4567/	06706	84640	87360	
Leeming	257	82806	50581	22713	854//	10806	88615		
Tynemouth	262	83611	61028	23609	835//	09602	84925	88635	
Carlisle	222	42906	63011	23113	38442	11610	81818		
Valley	302	82908	45101	26012	854//	11711	84715	88620	
Ringway	334	83305	22201	24112	862//	11708	88704		
Squires Gate	318	83013	57101	24313	862//	12707	86704	88706	
Ronaldsway	204	53214	60211	25012	45202	10806	81703	83640	
Mull of Galloway	131	43615	80014	25310	12501	09704	81825	84075	
Eskdalemuir	162	52812	78026	22512	48402	07716	81715	83635	
Prestwick	135	73111	75022	24210	28406	08610	81712	86272	
Abbotsinch	140	73008	84035	23311	18538	06610	81822	85362	87272
Leuchars	171	72004	75022	23011	684/2	08708	81818	86625	
Dyce	091	73010	80012	22709	1557/	06609	81620	83360	87462
Lerwick	005	73009	70608	18107	784//	05715	82815	83625	86640
Wick	075	72811	82021	21207	55538	07714	83625	85635	85362
Sule Skerry	010	82715	58606	20809	874//	08721	88715		
Cape Wrath	049	83216	66606	22009	855//	08716	88620		
Stornoway	026	82712	80211	23109	5547/	08720	81710	85635	87362
Benbecula	022	72612	83032	24511	1157/	08716	81820	87462	
Tiree	100	73112	85031	25510	48438	09715	81615	83627	85362
Aldergrove	917	73408	70036	26411	753/2	08602	82707	86630	
Malin	980	73508	82025	26611	754//	09709	81717	87638	
Belmullet	976	83511	40505	28113	863//	12712	86709	88715	
Birr	965	82406	48101	28611	856//	09709	88634		
Dublin	969	82612	30505	26611	862//	10710	84704	85707	88710
Shannon	962	72804	25404	29511	763//	10806	82708	83715	85626
Roches Point	952	13114	40101	29111	00901	09500	81075		
Valentia	953	10209	62051	30511	11501	09502	81822		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00080	00	+	+
Hurn	862	00080	03	+	+
Manston	797	97090	10	fF	FF1f
Gatwick	776	00080	05	+	+
Kew	775	00090	04	+	+
Heathrow	772	00120	07	+	+
Honington	586	00070	02	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00090	05	+	ff
Filton	628	00090	51	+	+
Rhoose	715	00090	01	+	+
Hartland Point	703	00110	08		
Mount Batten	827	00110	06	+	+
St. Mawgan	817	00100	06	+	+
Scilly	804	00110	05	+	+
Culdrose	809	00110	08	+	+
Guernsey	894	00100	08	+	+
Elmdon	534	00090	05	+	+
Cardington	559	00060	02	+	+
Wittering	462	00090	06	+	+
Watnall	354	00090	05	+	+
Shawbury	414	97080	01	+	d_o
Finningley	360	97100	03	+	d_o
Spurn Point	396			+	+
Leeming	257	97100	07	+	d_or_o
Tynemouth	262	97090	09	+	pr_o
Carlisle	222	00110	07	+	+
Valley	302	97090	04	+	d_od_o
Ringway	334	97100	09	+	d_o
Squires Gate	318	00120	10	+	+
Ronaldsway	204	97110	09	+	r_o
Mull of Galloway	131	00090			
Eskdalemuir	162	97110	09	ir_o	ir_o
Prestwick	135	00090	09	+	+
Abbotsinch	140	97100	08	$1d_o$	+
Leuchars	171	00110	10	+	+
Dyce	091	92090	09	r_od_odr	+
Lerwick	005	02061	05	pr_o	ir_opr_o
Wick	075	97050	04	+	pr_o
Sule Skerry	010	01061	06		
Cape Wrath	049	95071	07	ir_o	pr_o
Stornoway	026	91061	03	+	$r_od_or_odd_o$
Benbecula	022	97091	06	+	pr_o
Tiree	100	97071	04	d_od_o	+
Aldergrove	917	00090	04	+	+
Malin	980	93111	09		
Belmullet	976	97121	11		
Birr	965	97070	03		
Dublin	969	97090	06		
Shannon	962	97070	01		
Roches Point	952	00100	08		
Valentia	953	00090	05		

OCEAN WEATHER STATION REPORTS at 00h.

Code FM 21.V

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$O_TS_TT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04001	91906	91515	33909	9////	00011	89/03	/////	00110	10939	3//01	10/03
L	99569	70198	04004	62417	98032	31910	656//	61801	86630	/////	0//07	11153	30402	24803
M	99651	10043	04004	83230	97612	02706	884//	00222	85810	88615	0//05	10791	30504	24805
R	99469	70166	04004	30615	96020	30414	10942	00106	81361	83073	0//14	11392	30704	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$O_TS_TT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04061	92008	93515	33910	9////	00503	/////	/////	00210	10932	3//02	10/03
L	99569	70203	04064	82420	95216	25810	862//	00730	88704	/////	0//11	11128	30503	16703
M	99650	10044	04064	83130	96806	04405	892//	00003	82705	86910	0//05	10804	30706	28906
R	99466	70163	04064	30512	97030	29413	30930	00504	83361	/////	0//13	11389	30000	07704

H.M.S.O. Press, Met.O. Bracknell

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42199

Date of Issue SUNDAY 5 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 4 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	73310	68031	22617	754//	11606	84618	86640	
Hurn	862	33413	70030	22220	11631	12708	81835		
Manston	797	62911	58024	20219	11642	09713	81830	84360	
Gatwick	776	53310	61031	20720	11684	10714	81840	85080	
Kew	775	73212	62031	21418	65631	10713	86640		
Heathrow	772	73312	62031	21319	756//	11609	87632		
Honington	586	73514	65021	20217	5863/	10606	83830	84656	87360
Wattisham	590								
Gorleston	497	60105	40051	19214	6097/	12710	86358		
Aberporth	502	83110	58054	25212	863//	11711	83708	88710	
Filton	628	73306	70021	22918	785//	12715	84828	87630	
Khoose	715	33016	66020	22820	18631	11715	81835		
Hartland Point	703	53004	48051	26115	21441	12604	82815	85075	
Mount Batten	827	13511	62050	24220	11601	11707	81840		
St. Mawgan	817	23410	45051	25915	26401	12803	82710		
Scilly	804	13607	56020	27717	00902	13803	81075		
Culdrose	809	23517	58051	26217	00901	11805	82075		
Guernsey	894	43309	70030	23816	15732	09703	81656	83075	
Elmdon	534	73212	63041	22216	785//	10710	83822	87635	
Cardington	559	83307	59051	21717	885//	09708	84825	88656	
Wittering	462	63408	59051	21316	2153/	11809	82828	86362	
Watnall	354	63012	70022	20718	42502	07714	84823	84078	
Shawbury	414	63311	70015	22516	58401	11814	83812	83618	
Finningley	360	60310	61048	20717	48508	11616	81825	84640	85275
Spurn Point	396	80105	70022	21812	856//	08804	88635		
Leeming	257	70305	60046	21314	655/2	09811	86620	86075	
Tynemouth	262	80503	69022	22211	856//	09811	88635		
Carlisle	222	52708	85011	20717	48501	09715	84825		
Valley	302	33408	84015	24715	18642	08708	81835		
Ringway	334	53016	82025	22115	52601	07710	85830		
Squires Gate	318	63017	86011	22714	18531	08709	81825	86075	
Ronaldsway	204	63220	84011	23214	18602	05709	81830	86075	
Mull of Galloway	131	73319	86031	23414	12542	08714	81825	87075	
Eskdalemuir	162	42810	81011	19916	38530	05816	82825		
Prestwick	135	43015	84031	22514	28541	07612	81822	83075	
Abbotsinch	140	72909	86022	21415	41672	05718	84830	85080	
Leuchars	171	62610	86012	19915	38672	05822	82830	86075	
Dyce	091	72912	89022	18514	68632	04724	82830	86640	87070
Lerwick	005	72715	70808	13509	4847/	07727	83815	87359	
Wick	075	82914	80808	16910	4847/	07723	81715	83818	86360
Sule Skerry	010	82716	58608	16610	874//	08725	88715		
Cape Wrath	049	82718	70608	16609	874//	08733	88715		
Stornoway	026	82614	75606	18410	6542/	08732	84616	83625	88460
Benbecula	022	82617	68616	20210	4547/	09828	82710	83618	88462
Tiree	100	72716	84032	22113	5847/	09723	82818	84635	87362
Aldergrove	917	72908	86032	23715	78531	07716	82822	84630	
Malin	980	72715	89022	23814	3153/	08719	83822	85360	
Belmullet	976	72509	81036	26115	784//	11718	81717	84820	85638
Birr	965	72711	66012	25716	785//	13717	85820	85632	
Dublin	969	63014	82016	24018	52502	07713	85828		
Shannon	962	83014	50505	27314	862//	13713	83705	86707	88710
Roches Point	952	73120	56051	26817	3643/	12813	83716	87358	
Valentia	953	83207	56205	29115	864//	13809	88714		

OBSERVATIONS at 18h. 4 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	63011	82012	18918	28501	08718	82828	85075	
Hurn	862	53214	80011	19318	28601	10714	81830	85070	
Manston	797	60408	58012	18015	15672	11712	81640	83362	85072
Gatwick	776	43109	70011	18019	28601	10717	81840	83075	
Kew	775	53206	78012	18418	38601	08716	81840		
Heathrow	772	43210	70011	18318	48601	09718	81838	84650	
Honington	586	60504	75032	17315	58602	09720	81833	85645	
Wattisham	590								
Gorleston	497	50406	60031	17912	50950	09715	85358		
Aberporth	502	72816	59051	20415	18332	12730	81708	87075	
Filton	628	73215	81022	19718	11501	08717	81828	87081	
Khoose	715	42814	58051	20415	18531	11722	81825	83075	
Hartland Point	703	72905	56021	22613	38432	12819	81818	83650	86360
Mount Batten	827	73412	65031	22217	78541	11714	81825	86640	
St. Mawgan	817	72912	40051	23113	6603/	11719	82701	85702	85359
Scilly	804	03209	56011	24915	00900	11720			
Culdrose	809	13513	60050	23914	15500	12715	81625		
Guernsey	894	43209	69030	21815	45601	11712	84635		
Elmdon	534	33213	78021	18516	14642	05717	81640	83075	
Cardington	559	43111	72021	18217	12601	07614	81840	84075	
Wittering	462	42915	80021	17716	11601	07714	81835	84075	
Watnall	354	33209	82031	17615	11541	05715	81825	83080	
Shawbury	414	53415	82031	18715	28548	06723	81828	85274	
Finningley	360	62812	70012	16717	28541	07722	81828	85080	
Spurn Point	396	41209	70021	18013	11571	08727	81820	83360	
Leeming	257	62513	84032	15517	38602	09729	81830	83640	85075
Tynemouth	262	72518	69022	15613	7097/	09744	87359		
Carlisle	222	83111	83601	16814	24677	07717	81640	83360	87465
Valley	302	72008	84031	20013	14775	09727	81656	83362	86275
Ringway	334	53012	84031	18515	11642	05821	81835	84075	
Squires Gate	318	72813	86032	18613	11651	09724	81832	83365	85075
Ronaldsway	204	72506	86021	18611	18536	08829	81820	85360	87275
Mull of Galloway	131	72908	86032	18511	1257/	08725	81825	87460	
Eskdalemuir	162	82511	80611	16411	4542/	06621	82713	84640	88459
Prestwick	135	82612	75616	16811	2547/	09735	81615	84359	88461
Abbotsinch	140	82610	80216	15811	5547/	07828	81715	84635	88460
Leuchars	171	82517	80602	13813	2557/	06723	81625	84360	88462
Dyce	091	82810	80606	12112	5557/	06733	84628	83645	87458
Lerwick	005	82615	65618	07107	873//	07730	86708	88710	
Wick	075	82611	68618	10209	6547/	08736	83618	85640	88459
Sule Skerry	010	82722	58616	09508	874//	08723	88710		
Cape Wrath	049	82716	66636	10407	874//	07731	88715		
Stornoway	026	82513	75616	10909	2547/	08842	81710	86359	88461
Benbecula	022	82115	80026	12111	2547/	09746	81712	86360	88465
Tiree	100	82212	75606	14411	5837/	10848	81709	84626	88462
Aldergrove	917	72512	84022	17415	18578	07735	81825	85462	87270
Malin	980	82315	75606	15912	3647/	10753	82718	88459	
Belmullet	976	82517	30605	19914	862//	12737	83705	88710	
Birr	965	82715	66032	21314	864//	13722	86715	87635	
Dublin	969	72712	84022	19018	38608	09728	81830	83650	86270
Shannon	962	83012	30505	23114	862//	13724	83705	88708	
Roches Point	952	82816	58052	23815	864//	12716	88711		
Valentia	953	82911	56102	25514	864//	12722	88711		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00190	100	+	+
Hurn	862	00210	070	+	+
Manston	797	00190	084	+	+
Gatwick	776	00210	094	+	+
Kew	775	00190	091	+	+
Heathrow	772	00200	083	+	+
Honington	586	00190	075	+	+
Wattisham	590				
Gorleston	497		046		
Aberporth	502	00150	040	+	+
Filton	628	00200	107	+	+
Khoose	715	00200	118	+	+
Hartland Point	703	00150	090		
Mount Batten	827	00210	131	+	+
St. Mawgan	817	00160	117	+	+
Scilly	804	00180	143	+	+
Culdrose	809	00170	144	+	+
Guernsey	894	00180	145	+	+
Elmdon	534	00180	078	+	+
Cardington	559	00200	118	+	+
Wittering	462	00200	091	+	+
Watnall	354	00180	104	+	+
Shawbury	414	97170	062	$d_0 1 d_0$	+
Finningley	360	97180	043	$d_0 - d_0 r_0 p r_0$	+
Spurn Point	396			+	+
Leeming	257	01171	036	+	$r_0 r_0$
Tynemouth	262	00150	035	+	+
Carlisle	222	92190	100	+	$r_0 - r_0 r_0$
Valley	302	00160	084	+	+
Ringway	334	00160	086	+	+
Squires Gate	318	00150	100	+	+
Ronaldsway	204	97160	100	+	r_0
Mull of Galloway	131	97160			
Eskdalemuir	162	01171	064	+	$r_0 r_0 r$
Prestwick	135	01151	061	+	$ir_0 irr_0 r_0 ir_0$
Abbotsinch	140	97170	029	+	ir_0
Leuchars	171	91170	037	+	$r_0 r_0 r_0$
Dyce	091	03151	006	r_0	$r_0 r$
Lerwick	005	05101	011	$pr_0 ir_0 r_0 r_0$	$r_0 r_0 rr$
Wick	075	05112	002	$pr_0 r_0 r_0$	$r_0 r_0 rrir_0$
Sule Skerry	010	09102			
Cape Wrath	049	12092	000	$pr_0 ir_0$	rrir
Stornoway	026	03111	000	$d_0 r_0 ir_0$	$ir_0 r_0 r_0$
Benbecula	022	02121	012	$r_0 r_0$	$r_0 r_0 d_0 d_0 dr$
Tiree	100	03141	028	$ir_0 r_0$	$rr_0 ir_0 d_0 drrr$
Aldergrove	917	03181	059	+	$r_0 Rrr$
Malin	980	9715	043		
Belmullet	976	9716	019		
Birr	965	0018	026		
Dublin	969	9719	073		
Shannon	962	9715	000		
Roches Point	952	0018	059		
Valentia	953	9715	017		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

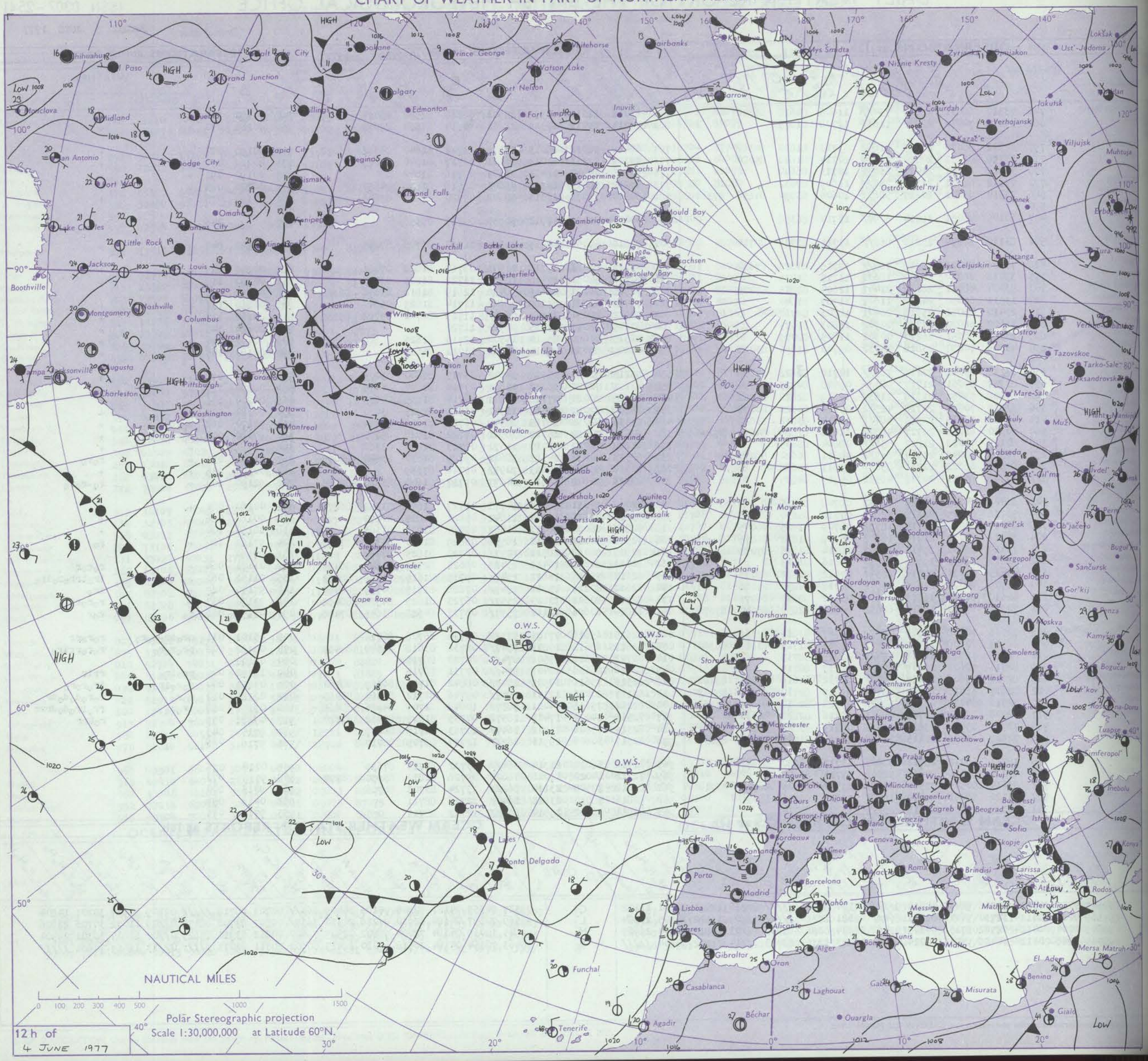
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04121	92206	92435	34810	9////	00304	89/06	/////	00210	10931	30201	11102
L	99569	70201	04124	82730	96216	21511	864//	00621	88710	/////	0//09	11102	30505	22804
M	99649	10049	04124	72922	97158	04305	59462	00804	81910	83815	0//03	10812	30504	29907
R	99465	70160	04124	40416	97011	30014	20932	00003	82361	83073	0//14	11382	30604	/////

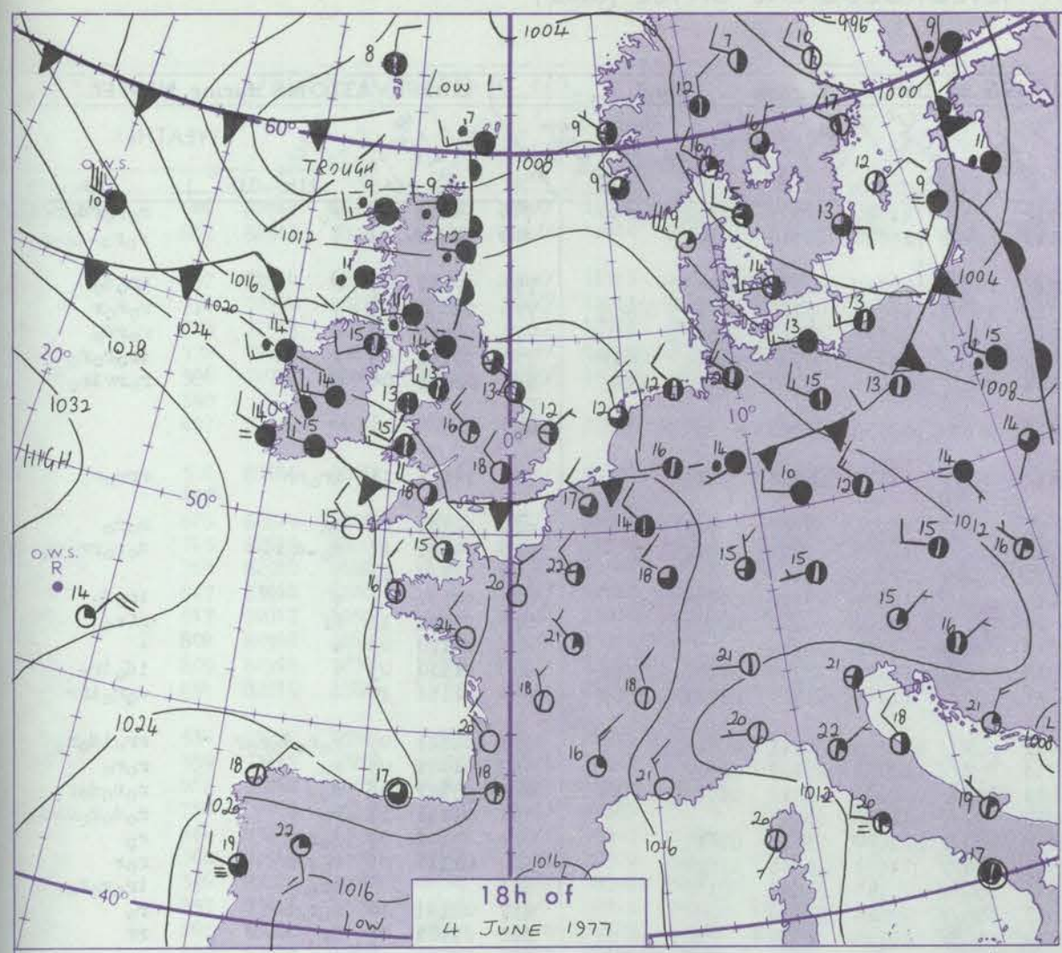
OCEAN WEATHER STATION REPORTS at 18h.

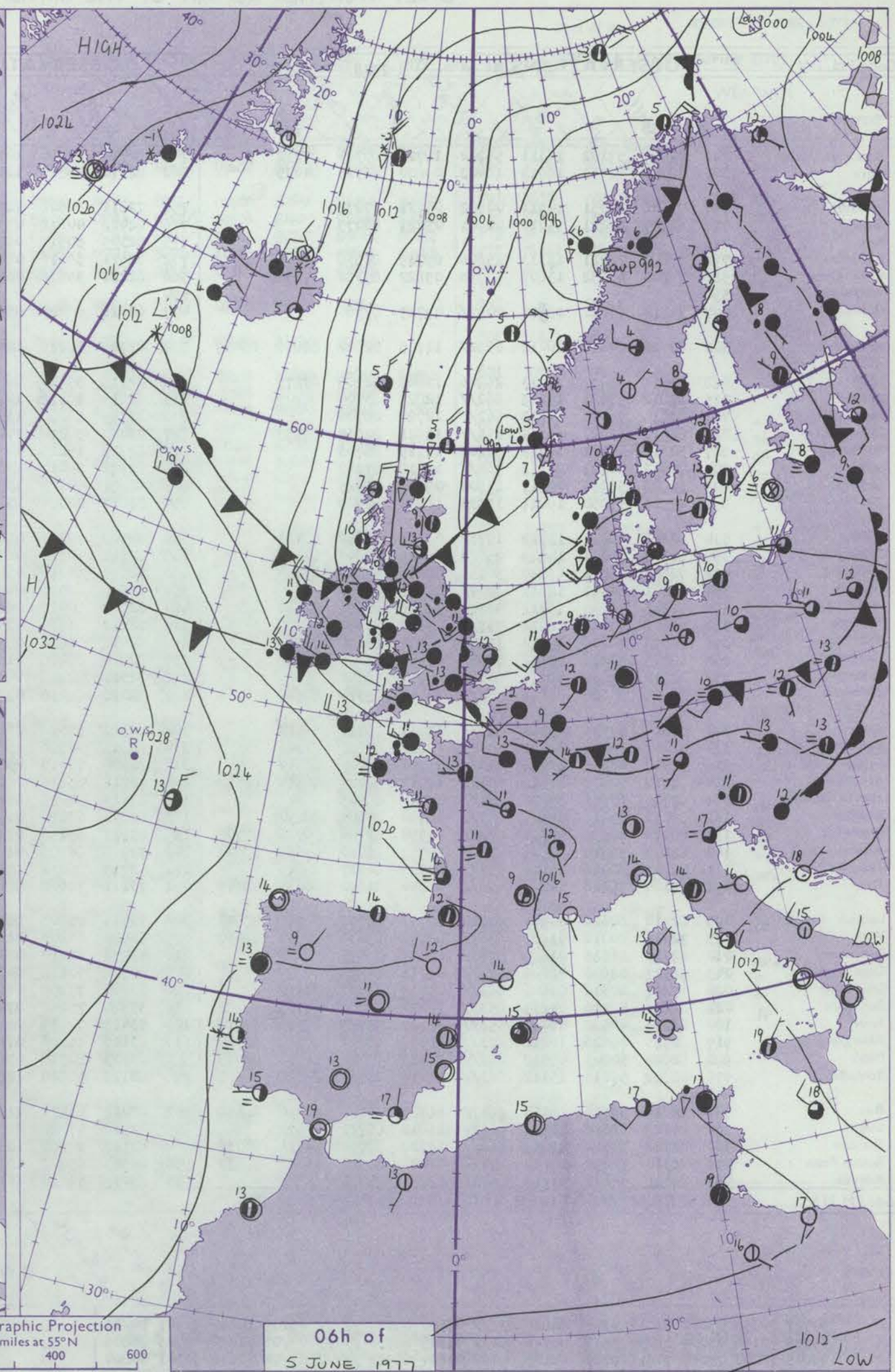
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04181	82305	95105	34409	864//	00703	88718	/////	00109	10947	30201	14804
L	99569	70197	04184	82930	97216	20310	7632/	00507	87708	88458	0//09	11072	30706	22806
M	99645	10039	04184	72004	98802	02505	79400	00812	83910	85625	0//02	10807	30301	29904
R	99463	70154	04184	20518	97020	28413	00902	00711	82073	/////	0//13	11419	30604	/////

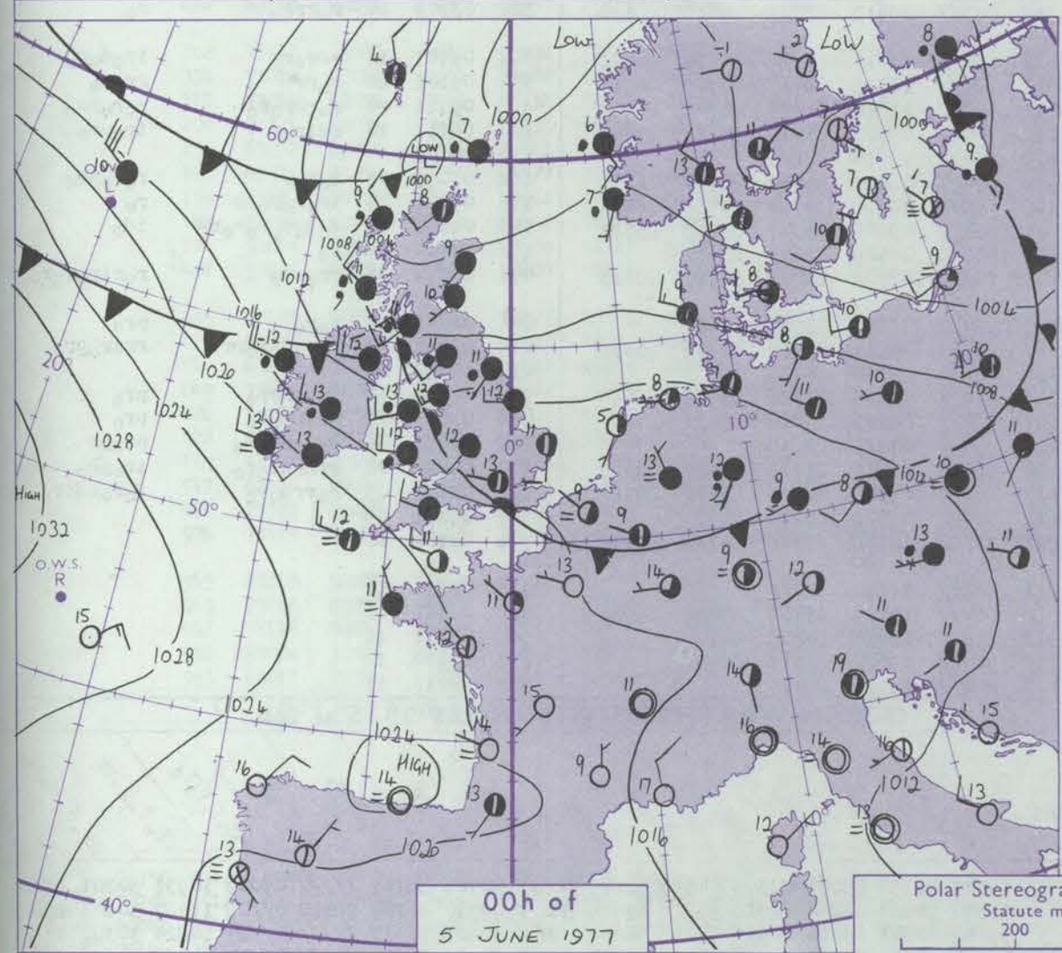
...s of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

06h of
5 JUNE 1977

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday : SUNDAY 5 JUNE 1977

An anticyclone over the central North Atlantic with an associated ridge to Biscay has remained almost stationary. A complex depression over Scandinavia has moved eastwards but has been replaced by a wave depression which has moved east from the south of Iceland. A moist northwesterly airstream between these systems covers the British Isles During the next 24 hours pressure will remain high to the southwest of the British Isles and the low over Scandinavia will move slowly east. A wave depression about 300 miles southwest of Iceland will move rapidly southeast reaching North Wales by tomorrow morning

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V — OBSERVATIONS at 00h. 5 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72607	57102	16311	56202	11720	85704	87072	
Hurn	862	42706	62011	16613	16402	09820	81715	84075	
Manston	797	71806	35051	14911	00902	09721	87072		
Gatwick	776	62707	66021	15213	00901	09721	86075		
Kew	775								
Heathrow	772	72007	72021	15313	15608	09719	81638	87275	
Honington	586	72206	65032	13609	50952	05822	85360	87078	
Wattisham	590								
Gorleston	497	71812	66022	12811	7097/	09727	87360		
Aberporth	502	82720	60636	16012	6552/	11725	82620	86656	88459
Filton	628	72611	65032	15913	26206	11825	82705	87275	
Rhoose	715	82812	57021	16213	862//	12825	83704	88707	
Hartland Point	703	82814	56022	18812	862//	12720	88704		
Mount Batten	827	62912	62022	19114	656//	11821	82635	86657	
St. Mawgan	817	52612	40101	19712	56200	11719	85703		
Scilly	804	72813	50101	22312	764//	12718	87710		
Culdrose	809	12906	58050	21311	15500	09719	81625		
Guernsey	894	42911	57050	19811	35330	11813	82709		
Elmdon	534	82308	80021	13912	1571/	07731	81656	88462	
Cardington	559	62607	70011	14609	25672	07725	82640	84361	
Wittering	462	72507	75011	13810	30938	07826	83360	87275	
Watnall	354	82406	64031	12811	8097/	07832	88360		
Shawbury	414	82105	70032	13211	5572/	09736	85656	88460	
Finningley	360	72408	75216	11912	757//	07830	87650		
Spurn Point	396	82710	70216	12012	3567/	06732	83630	88360	
Leeming	257	82209	70216	10411	3553/	07844	83626	88365	
Tynemouth	262	82012	69636	10011	8062/	08737	88530		
Carlisle	222	82409	63636	08611	854//	10849	85714	88629	
Valley	302	82518	57636	13113	854//	12737	83710	88614	
Ringway	334	72007	75022	12412	3567/	07737	83630	87360	
Squires Gate	318	82417	40636	11412	853//	11742	82709	88614	
Ronaldsway	204	82717	50632	10512	6532/	12742	82706	86615	88550
Mull of Galloway	131	82715	60616	10011	864//	10740	88715		
Eskdalemuir	162	82011	57616	07909	853//	08750	85708	88630	
Prestwick	135	82416	50636	07311	872//	11754	81704	85706	88708
Abbotsinch	140	82213	56615	05811	854//	10757	81710	87616	88640
Leuchars	171	82307	80216	05110	854//	07749	86713	88645	
Dyce	091	82104	75216	04009	855//	08850	81620	86635	88645
Lerwick	005	82910	60616	00907	6722/	07733	83705	86710	88540
Wick	075	72411	80016	01908	6567/	07750	83630	86657	87460
Sule Skerry	010	82713	66616	01609	874//	09738	88715		
Cape Wrath	049	92717	02606	02009	9////	09731	89/00		
Stornoway	026	83211	50516	02609	873//	09739	85707	88712	
Benbecula	022	82819	58216	04611	853//	10621	85706	88615	
Tiree	100	83016	40586	06011	852//	11727	82703	85709	88618
Aldergrove	917	82718	70026	10012	873//	10738	82707	85709	88712
Malin	980	82926	50605	09312	863//	11523	83706	86710	88715
Belmullet	976	82822	57615	15112	863//	11619	85708	88715	
Birr	965	82816	56615	15713	7637/	11725	85708	86636	88458
Dublin	969	82723	62616	11913	864//	11642	86710	87620	
Shannon	962	82720	30586	17613	863//	12728	83708	84711	88716
Roches Point	952	82310	50052	19113	854//	11728	83710	86622	88637
Valentia	953	82811	56102	21513	864//	12723	88711		

OBSERVATIONS at 06h. 5 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82714	62586	10012	853//	11628	82707	86612	88640
Hurn	862	82510	48516	11013	5742/	13628	85710	88545	
Manston	797	72211	60602	08712	7097/	09728	83360	87463	
Gatwick	776	82412	40612	09512	7547/	12729	83710	86614	88459
Kew	775	82309	50516	08713	6742/	12730	86710	88545	
Heathrow	772	82511	56616	08413	853//	12734	83708	86712	88618
Honington	586	82211	35636	06111	853//	11638	85707	87710	88645
Wattisham	590								
Gorleston	497	62111	66022	05512	6097/	08739	86360		
Aberporth	502	82722	56216	10412	852//	11620	84703	88615	
Filton	628	82715	59216	09813	853//	11726	87707	88620	
Rhoose	715	82818	26516	10312	852//	11626	87705	88612	
Hartland Point	703	82719	56606	13212	872//	12822	88703		
Mount Batten	827	73020	58216	14113	754//	12622	83712	87625	
St. Mawgan	817	82716	15216	14912	861//	12620	86702	88704	
Scilly	804	82922	56022	17613	864//	11721	88710		
Culdrose	809	82821	40105	15912	852//	11727	82704	84706	88620
Guernsey	894	82817	20586	15811	850//	11714	83700	85701	87703
Elmdon	534	82509	70206	06713	854//	11728	86711	88616	
Cardington	559	82515	40216	06713	853//	12739	86707	88630	
Wittering	462	72515	66216	05413	5543/	12637	83710	85618	87359
Watnall	354	82512	60506	04812	872//	11628	88703		
Shawbury	414	82706	80016	06613	854//	11620	85612	88616	
Finningley	360	72713	81036	03413	784//	11631	85815	87620	
Spurn Point	396	82412	56616	03311	3567/	08744	83630	88360	
Leeming	257	82810	89026	01913	854//	09624	88618		
Tynemouth	262	72511	80026	00412	6563/	10735	86630		
Carlisle	222	83016	80036	02212	853//	09613	82709	85618	88630
Valley	302	82813	58586	08312	852//	11616	84704	85614	88628
Ringway	334	82915	30506	05612	872//	11725	82704	85706	88710
Squires Gate	318	82920	75016	05212	852//	11614	81704	84706	88630
Ronaldsway	204	72711	65216	06112	784//	09707	81712	85819	87640
Mull of Galloway	131	83215	80026	05410	855//	09710	88625		
Eskdalemuir	162	82814	60216	01909	874//	08707	85710	88714	
Prestwick	135	83117	65156	03110	854//	09708	82712	84618	86630
Abbotsinch	140	72709	80206	01611	653/2	09608	81707	83618	85625
Leuchars	171	52715	89031	99113	45502	08509	82625	83635	
Dyce	091	73111	70606	98209	753//	08509	81707	84710	86625
Lerwick	005	73519	75808	98705	734//	03500	83913	86630	
Wick	075	83522	65806	01007	6847/	05221	82712	83816	85359
Sule Skerry	010	43430	81016	03106	42500	03220	84820		
Cape Wrath	049	60518	70168	04206	684//	04325	82710	83815	86620
Stornoway	026	53620	75155	06207	584//	04226	83816	85632	
Benbecula	022	33324	75258	07708	38400	07339	82818		
Tiree	100	73425	70028	06210	58332	08213	81709	83630	85362
Aldergrove	917	83118	25596	07111	862//	09506	82704	83706	87710
Malin	980	83323	80216	07611	864//	09501	87716	88635	
Belmullet	976	83118	58506	12911	7632/	10705	83708	86715	88458
Birr	965	83012	66206	11612	863//	11610	88706		
Dublin	969	82916	75026	08512	864//	10509	83716	87622	88635
Shannon	962	83117	50586	13412	872//	11614	84705	88709	
Roches Point	952	82923	65022	13714	5642/	12622	85711	88458	
Valentia	953	83015	50615	16413	862//	12721	88705		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	94111	07	r_o	$r_or_or_d_or_od_o$
Hurn	862	93121	11	+	r_or_o-d_o-r_o
Manston	797	97101	07	+	ir_od_o
Gatwick	776	01091	05	+	r_or_or
Kew	775	96121	07	+	r_ord_o
Heathrow	772	95121	09	+	$ir_or_or_o$
Honington	586	02091	06	+	r_orrir_o
Wattisham	590				
Gorleston	497				
Aberporth	502	11111	11	ir_orr	rrr_or_o
Filton	628	92131	11	r_o	r_or_o
Rhoose	715	04121	11	d_o-d_or_o	$d_or_orr_or_oid_o$
Hartland Point	703	03112	11		
Mount Batten	827	94131	11	+	ir_od_o
St. Mawgan	817	95111	11	ff	ffr_o
Scilly	804	00120	09	+	+
Culdrose	809	91110	09	+	id_oir_o
Guernsey	894	01111	10	+	d_or_oifr
Elmdon	534	02121	09	$r_or_od_or_or$	$rr_oid_or_o$
Cardington	559	01071	05	r_o	r_or_o
Wittering	462	95101	08	r_o	$r_or_od_or_o$
Watnall	354	01111	11	r_o	$r_od_or_orRd_o$
Shawbury	414	03101	07	r_orr_o	r_o
Finningley	360	01110	09	r_or_or	r_or
Spurn Point	396			ir_o	$ir_or_or_o$
Leeming	257	02101	10	r_or_or	r_o
Tynemouth	262	07101	09	rr	rr
Carlisle	222	03101	10	r_orrr_o	r_o
Valley	302	09121	11	rrr_or_o	$ir_od_or_o$
Ringway	334	05101	10	r_or	rr_od_o
Squires Gate	318	05121	10	$r_orRr_or_o$	$r_or_opr_o$
Ronaldsway	204	06111	10	$rrir_o$	ir_opr_o
Mull of Galloway	131	04091			
Eskdalemuir	162	06091	07	r_or_or	$r_or_opr_o$
Prestwick	135	03101	09	$ir_or_or_orr$	r_o
Abbotsinch	140	01101	09	$d_od_od_or_or_or_o$	id_o
Leuchars	171	97100	09	r_o	+
Dyce	091	05071	08	rr_oir_o	$r_orir_or_or_o$
Lerwick	005	06041	04	r_or_o	pr_o
Wick	075	03051	04	$r_or_od_or_orr$	$rrir_opr_o$
Sule Skerry	010	03042	04		
Cape Wrath	049	04051	05	ir_oirpr_o	pr_o
Stornoway	026	03061	05	$rrdrd_od_o$	pr_o
Benbecula	022	01071	06	$drd_or_opr_o$	pr_opr
Tiree	100	04081	08	$rrRr_od_or_o$	ir_opr_o
Aldergrove	917	03101	09	$r_orrd_or_o$	$d_or_ordrr_o$
Malin	980	11091	09		
Belmullet	976	03101	10		
Birr	965	04111	10		
Dublin	969	02111	11		
Shannon	962	02121	11		
Roches Point	952	00130	12		
Valentia	953	92111	11		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05001	92306	93454	34609	9////	00500	89/07	/////	05109	10940	3//01	14/03
L	99579	70196	05004	83030	97032	20710	864//	71305	88710	/////	0//08	11090	30706	24806
M	99645	10041	05004	70615	97258	98105	69460	00624	85912	/////	0//04	10842	30201	30804
R	99462	70151	05004	00415	97010	29214	00900	00102	/////	/////	0//14	11415	30603	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05061	82305	94535	32809	863//	00706	88707	/////	05009	10931	30201	14002
L	99570	70200	05064	82716	96206	17709	862//	00720	84704	88710	0//09	11087	30603	25805
M	99644	10041	05064	70516	97258	96205	79400	00806	86910	/////	0//04	10824	30302	30804
R	99460	70145	05064	53614	97021	26812	55500	22709	85620	/////	0//12	11388	30603	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42200

Date of Issue MONDAY 6 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 5 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82813	66206	07014	884//	12712	86810	88650	
Hurn	862	82913	58216	08415	854//	12610	81710	86614	88630
Manston	797	82714	63026	04916	854//	11713	85616	88640	
Gatwick	776	72714	59216	06214	754//	12713	81712	84614	87624
Kew	775	72508	62216	05615	754//	12712	81715	83622	87640
Heathrow	772	72613	60216	05415	754//	12710	81714	84618	87645
Honington	586	72718	80016	03115	785//	10607	85820	87645	
Wattisham	590								
Gorleston	497	73022	66028	02115	4352/	09508	84920	87460	
Aberporth	502	83015	82012	09711	5847/	09302	81712	85645	88462
	~~627~~								
Filton	628	82814	68026	07315	884//	11604	84815	88625	
Rhoose	715	82818	68206	08113	883//	11506	81709	83816	88630
Hartland Point	703	82910	66026	11312	852//	12502	82705	88625	
Mount Batten	827	83014	62206	11514	883//	12712	82709	85812	88640
St. Mawgan	817	82817	10505	12513	870//	12708	86701	88702	
Scilly	804	82918	50616	15013	874//	13709	88710		
Culdrose	809	82918	50506	13713	872//	12710	85705	88708	
Guernsey	894	82719	25216	13012	861//	11711	83701	87702	
Elmdon	534	83218	75806	05714	884//	08203	82818	86623	
Cardington	559	73116	67258	04915	686/8	10703	82830	85635	87275
Wittering	462	73018	80036	04214	685/8	10301	86820		
Watnall	354	82913	75256	04013	7842/	07303	84819	83625	88460
Shawbury	414	73218	70156	06213	784//	08302	83818	84622	87640
Finningley	360	72819	82012	02615	28538	08500	81824	87280	
Spurn Point	396	83020	70026	01614	855//	08303	88620		
Leeming	257	73416	82258	02813	785//	08318	84825	87645	
Tynemouth	262	53630	80028	02410	43630	07225	84930	85358	
Carlisle	222	43308	82251	02915	48530	09106	83828		
Valley	302	73118	75028	08213	58402	09101	82816	85640	87070
Ringway	334	73020	80028	04614	62502	09001	86822	83075	
Squires Gate	318	73019	82038	05413	48332	09308	81708	83812	86072
Ronaldsway	204	73221	84038	07411	58508	06109	81820	85650	85270
Mull of Galloway	131	63532	82012	06812	24541	08206	81825	83075	
Eskdalemuir	162	63511	83038	02714	625//	04114	86828		
Prestwick	135	13127	89011	05013	18502	04314	81825		
Abbotsinch	140	23016	89011	04114	21602	02214	82834		
Leuchars	171	53214	87021	03014	52600	01111	85835		
Dyce	091	53122	65808	02310	52400	04111	81710	84820	
Lerwick	005	70120	80818	99205	733//	03303	81709	86912	
Wick	075	63324	81808	03207	5843/	03207	84818	83360	
Sule Skerry	010	43224	74018	04908	42500	03209	84820		
Cape Wrath	049	73615	81022	06106	785//	04208	82820	87625	
Stornoway	026	50118	80258	08208	58400	03310	83818	84640	
Benbecula	022	53320	82258	08909	59400	05203	85918		
Tiree	100	53323	82158	08711	58400	07208	81818	83822	
Aldergrove	917	63420	84016	08712	54501	04110	85624	83080	
Malin	980	23322	83018	10211	22502	04112	82820		
Belmullet	976	73113	80026	13013	784//	09802	81717	83821	87645
Birr	965	83212	80216	11613	864//	09500	85716	87631	
Dublin	969	73018	84806	08914	785//	08801	86822	84645	
Shannon	962	73114	84215	13113	5847/	09705	81716	85635	86458
Roches Point	952	83024	70036	12913	7747/	10603	85710	85630	88458
Valentia	953	83213	70216	15812	864//	10706	88712		

OBSERVATIONS at 18h. 5 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72912	82036	06515	38612	08501	82830	83465	86072
Hurn	862	72912	80018	07315	18472	09602	81818	87462	
Manston	797	82707	73036	04615	2577/	09500	82656	83360	88462
Gatwick	776	73207	82018	05714	5852/	09303	81825	85645	87464
Kew	775	72605	82028	05714	6852/	09104	82820	85645	87462
Heathrow	772	72909	82018	05514	5457/	10103	81625	85645	87462
Honington	586	73511	83028	04911	785//	06315	83825	87645	
Wattisham	590								
Gorleston	497	73509	66028	04611	2357/	08220	82925	87360	
Aberporth	502	73407	86022	09111	784//	08400	81710	87650	
	~~627~~								
Filton	628	63213	82012	07214	48502	08503	81820	84635	85070
Rhoose	715	73011	84012	08013	784//	08503	81710	87650	
Hartland Point	703	53208	78016	10613	38540	11803	81820	83635	85360
Mount Batten	827	63312	80018	10315	6843/	09505	85818		
St. Mawgan	817	72914	80026	10913	6833/	11605	82707	85650	
Scilly	804	33013	65016	13413	25530	12604	82620		
Culdrose	809	63113	65026	12013	4833/	11605	82709	83635	85360
Guernsey	894	82815	15616	10711	870//	11609	85700	87701	
Elmdon	534	53217	81018	06413	18642	03206	81838	84075	
Cardington	559	73114	82022	05114	35608	04400	83645	87275	
Wittering	462	80707	86038	05412	884//	08211	84819	88628	
Watnall	354	73208	80012	05013	785//	06209	85828	86645	
Shawbury	414	63313	75022	07211	48532	03103	82825	83635	85075
Finningley	360	83502	60638	05309	855//	08205	88625		
Spurn Point	396	73615	70026	05910	785//	05222	83820	87625	
Leeming	257	70507	67038	05010	755//	05304	87625		
Tynemouth	262	60212	81022	05109	3353/	04106	83925	86358	
Carlisle	222	63107	84021	03614	28632	08301	82830	84362	
Valley	302	23413	80021	08113	11532	06607	81820		
Ringway	334	63113	81022	06113	51542	04203	85824	83075	
Squires Gate	318	53120	82012	06212	28431	07304	81710	83075	
Ronaldsway	204	73319	84031	07011	1853/	02801	81825	87360	
Mull of Galloway	131	73419	84032	07009	22571	06804	82825	87360	
Eskdalemuir	162	73010	84032	03912	686/2	01301	84830	86656	
Prestwick	135	43115	89011	06011	11542	03101	81825	83360	
Abbotsinch	140	63015	88011	04612	18542	02801	81828	84360	
Leuchars	171	63409	89011	04312	22632	50207	82840	86075	
Dyce	091	43217	86028	03209	44542	01801	83825		
Lerwick	005	63520	75258	99107	694//	03301	82910	84815	
Wick	075	53416	75258	03307	48430	05503	83818	83360	
Sule Skerry	010	33220	74258	04308	32500	06805	83820		
Cape Wrath	049	43614	81011	05008	32661	06710	83830	84358	
Stornoway	026	73608	82031	06009	685/2	02613	82820	86628	
Benbecula	022	73209	85028	06709	58532	03714	84822	83365	86070
Tiree	100	73311	89018	07109	28452	04712	81615	86360	
Aldergrove	917	73312	86021	08110	24532	03711	81825	87362	
Malin	980	73208	84031	08710	68436	05613	81716	85820	87270
Belmullet	976	82608	80022	09812	7847/	09725	81719	83821	85642
Birr	965	73208	83022	10013	785//	07710	82820	87635	
Dublin	969	72911	84028	08913	28532	03503	81828	85360	
Shannon	962	73014	86032	11614	5847/	08610	81718	85650	
Roches Point	952	53017	80011	11812	5843/	09604	84819	83645	
Valentia	953	82907	40505	13812	863//	11714	85707	88715	

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xT_xE$	ss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97160	017	id.d.r.ir.	+
Hurn	862	97160	007	d.-r.pr.	pr.
Manston	797	91160	000	d.-r.	ir.
Gatwick	776	97160	000	r.d.-d.r.pr.	pr.
Kew	775	91160	000	ir.r.pr.	+
Heathrow	772	01161	001	r.r.d.r.pR	+
Honington	586	01170	015	r.d.r.rpr.	pr.
Wattisham	590				
Gorleston	497		005		
Aberporth	502	00121	009	+	+
Filton	628	97160	028	r.r.d.	+
Rhoose	715	97140	009	d.d.-d.	+
Hartland Point	703	97130	009		
Mount Batten	827	97150	012	d.r.pr.	+
St. Mawgan	817	93131	005	d.r.	ir.
Scilly	804	02141	018	r.r.ir	ir.
Culdrose	809	92141	016	ir.id.ir.r.r.	ir.
Guernsey	894	06121	000	ir.f	r.r.irf
Elmdon	534	97150	043	r.pr.	+
Cardington	559	97170	032	pr.	+
Wittering	462	97171	032	pr.	pr.
Watnall	354	97160	027	r.-pr.	+
Shawbury	414	00161	062	jp	+
Finningley	360	02181	021	pr.	pr.r.r
Spurn Point	396			ir.	ir.
Leeming	257	02161	021	pr.r.	r.r
Tynemouth	262	92150	075	pr.	+
Carlisle	222	91171	073	pr.	+
Valley	302	91141	052	pr.	+
Ringway	334	97140	060	pr.	+
Squires Gate	318	97140	062	pr.	+
Ronaldsway	204	00130	064	+	+
Mull of Galloway	131	00121			
Eskdalemuir	162	96151	066	pr.pr	pr.
Prestwick	135	00130	107	+	+
Abbotsinch	140	00150	113	+	+
Leuchars	171	00140	104	jp	+
Dyce	091	95101	077	r.r.pr.pr	pr.
Lerwick	005	01091	096	pr.pr	pr.
Wick	075	93101	098	pr.	pr.
Sule Skerry	010	91091			
Cape Wrath	049	94091	056	+	pr.
Stornoway	026	93101	099	pr.	+
Benbecula	022	93111	071	pr.	+
Tiree	100	97121	099	pr.	jp
Aldergrove	917	00130	052	jp	+
Malin	980	0112	067		
Belmullet	976	9715	007		
Birr	965	9316	017		
Dublin	969	0115	034		
Shannon	962	9716	018		
Roches Point	952	9716	017		
Valentia	953	0115	012		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

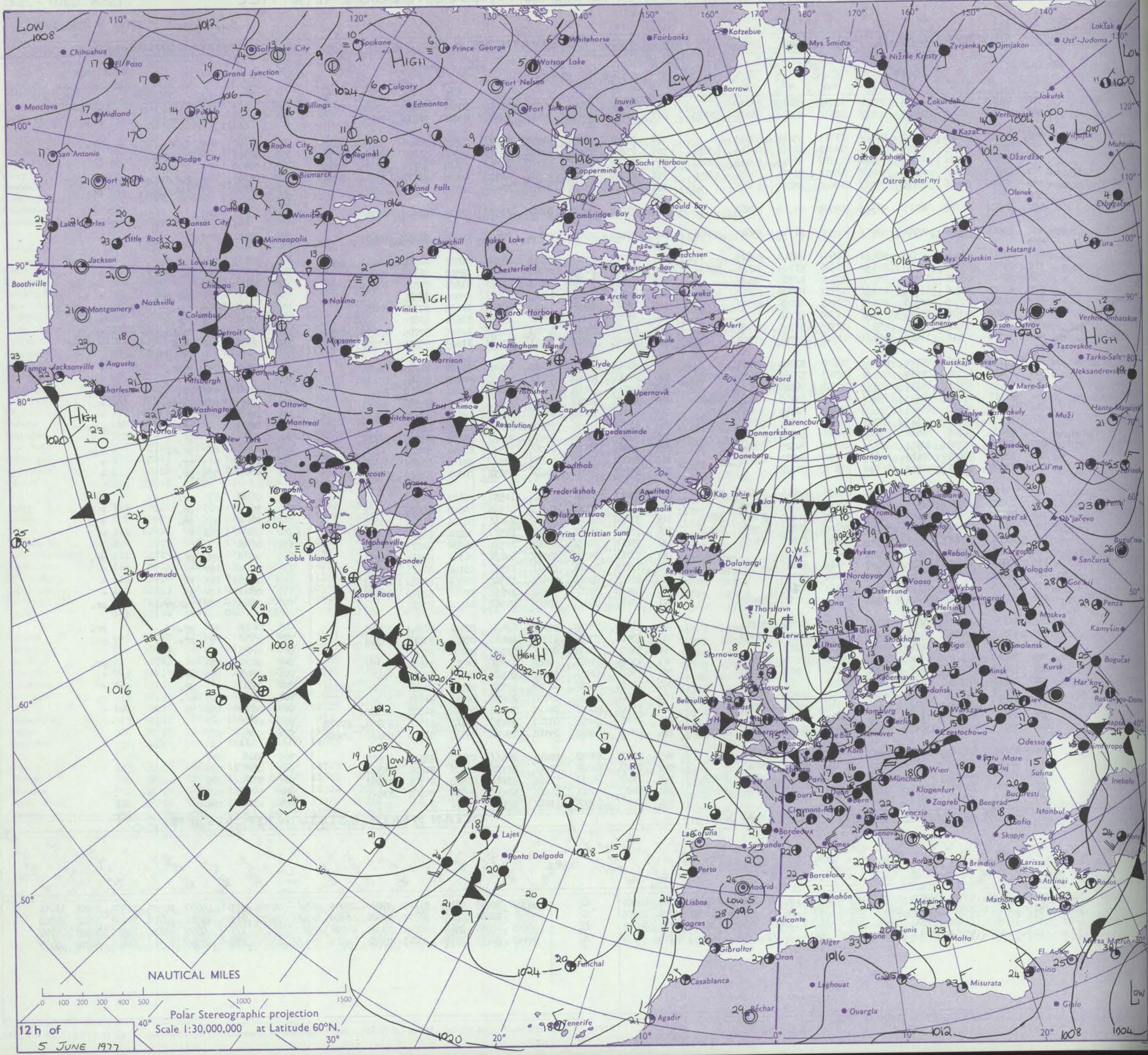
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05121	92406	93455	31909	9////	00707	89/07	/////	05009	10931	30201	14903
L	99571	70201	05124	82620	97032	12210	864//	00728	85710	88715	0//09	11095	30704	23805
M	99643	10042	05124	70413	98028	95506	78460	00502	81815	86625	0//05	10813	30302	99/03
R	99461	70146	05124	63613	97012	27013	65500	00000	86620	/////	0//11	11416	30703	/////

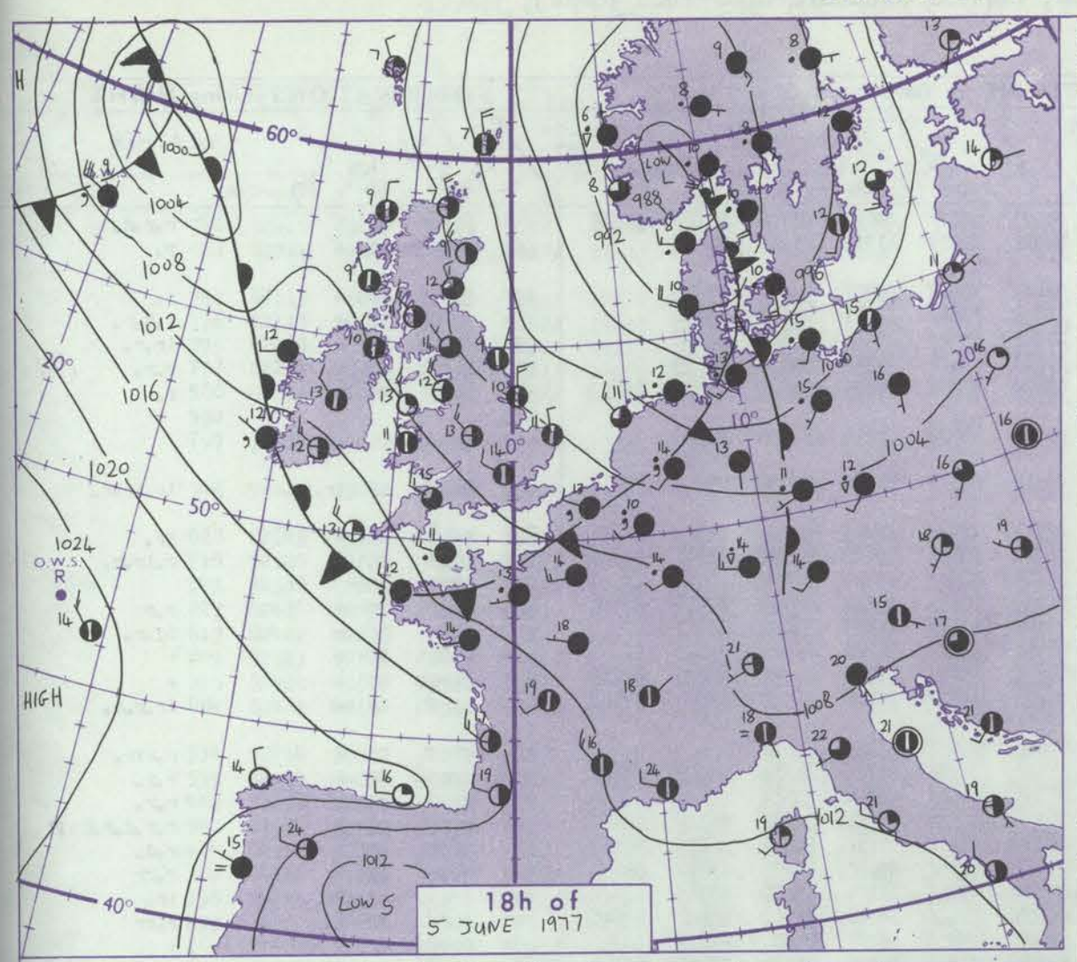
OCEAN WEATHER STATION REPORTS at 18h.

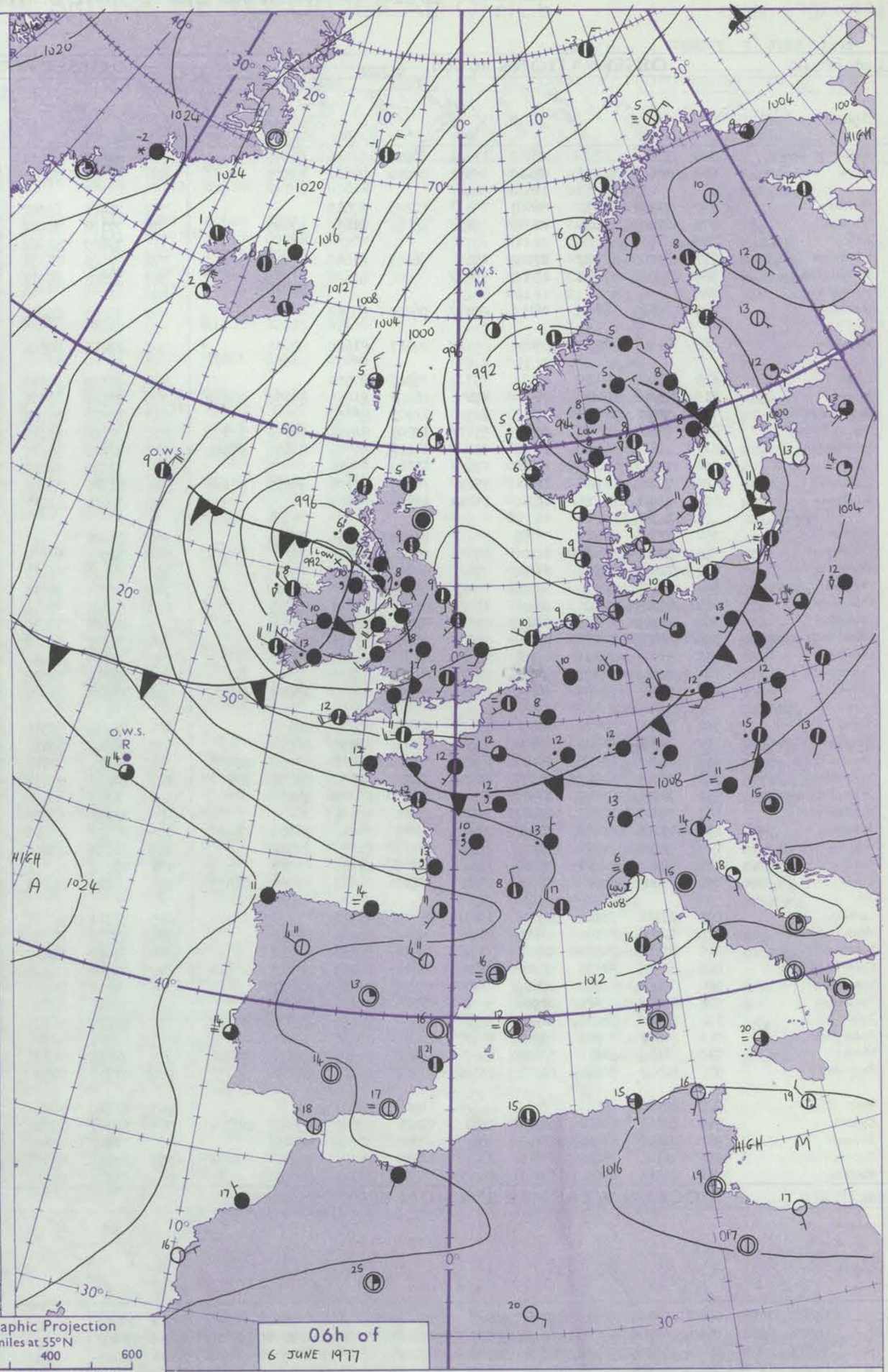
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05181	83105	97024	29909	864//	00709	88711	/////	00009	10955	30201	11410
L	99571	70200	05184	82935	97506	06509	853//	00730	83708	86710	0//07	11092	30807	23908
M	99643	10035	05184	70308	97028	95206	65542	71400	/////	/////	05350	10815	30301	/////
R	99462	70153	05184	73213	97032	24813	755//	00711	87625	/////	0//10	11468	30702	/////

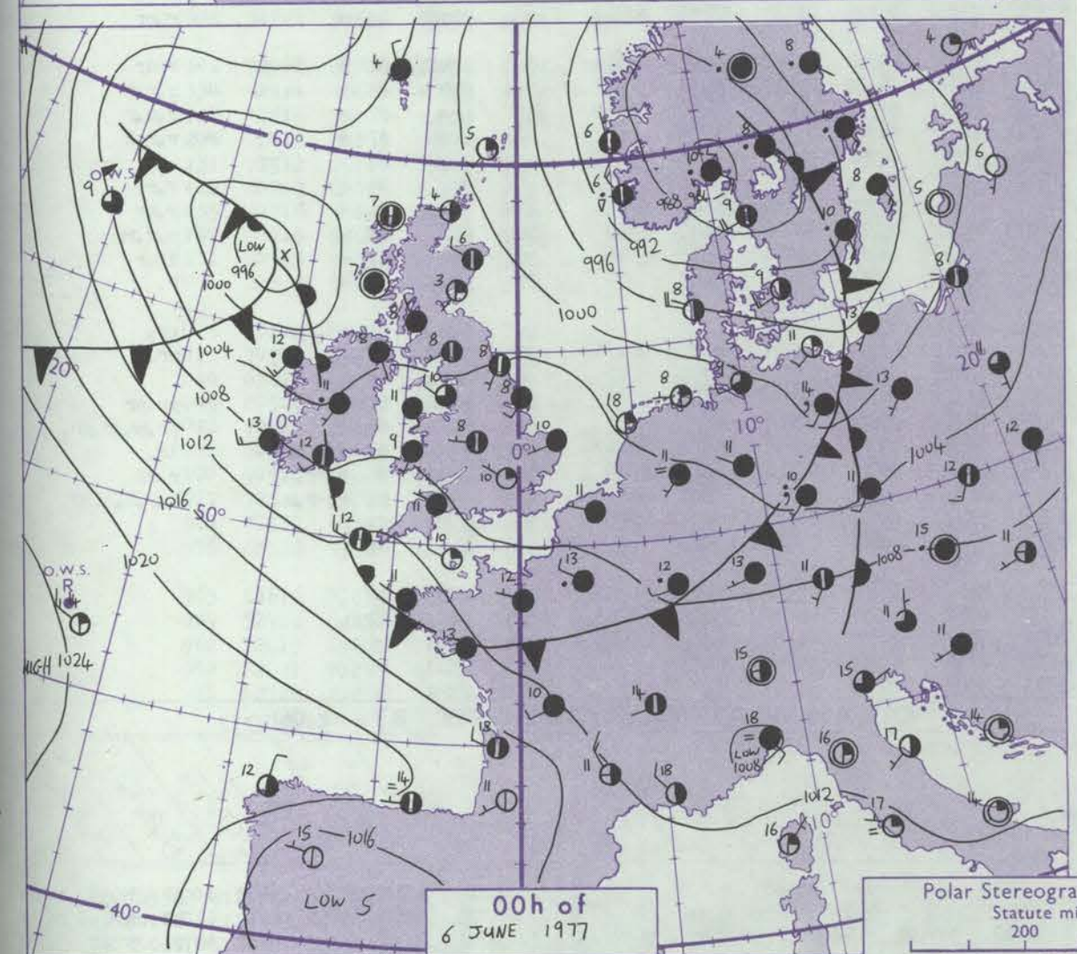
Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday MONDAY 6 JUNE 1977

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a depression remained slow-moving over Norway whilst associated fronts moved southward over all parts of the British Isles and another low moved southeastwards to Northern Ireland. During the next 24 hours the low over Northern Ireland is expected to continue moving southeastwards to the southern North Sea whilst the associated frontal system crosses all southern districts.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — **OBSERVATIONS at 00h.** 6 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72806	82031	07807	15731	06801	81650	86075	
Hurn	862	52609	70031	08110	30932	09000	83362	83075	
Manston	797	71502	70022	06608	754//	07003	87615		
Gatwick	776	72802	70021	07010	756//	08004	81630	87645	
Kew	775								
Heathrow	772	23003	75011	07110	15602	06103	81640		
Honington	586	70000	70022	05909	756//	07001	87636		
Wattisham	590								
Gorleston	497	82605	66022	06110	8097/	06400	88360		
Aberporth	502	81907	82032	07409	855//	07817	81620	88635	
Filton	628	73007	82031	07711	757/2	06805	87650		
Rhoose	715	73002	81031	07909	45606	06808	81635	84650	86275
Hartland Point	703	52908	79022	09112	50940	11807	85358		
Mount Batten	827	72607	70031	09612	5537/	10808	81708	85650	87358
St. Mawgan	817	72610	70021	10012	752//	11808	82704	83635	87641
Scilly	804	72813	80031	12112	755//	11810	87625		
Culdrose	809	72710	63011	11211	5523/	10809	82704	85635	87360
Guernsey	894	22911	78026	10910	15232	10801	81704		
Elmdon	534	72706	75021	06708	50952	03709	85362	87075	
Cardington	559	72606	70032	06506	60931	04801	86360		
Wittering	462	72912	80028	05809	756//	05806	87634		
Watnall	354	72604	70032	05308	756//	05808	82632	86650	
Shawbury	414	62605	80021	06406	35602	04812	83635	83075	
Finningley	360	81903	75016	04909	855//	07811	88628		
Spurn Point	396	82108	70216	05908	855//	04805	88625		
Leeming	257	81902	82026	04708	855//	06812	88620		
Tynemouth	262	72005	70022	04708	756//	04702	87635		
Carlisle	222	72505	81032	03408	55538	06806	81625	85635	87275
Valley	302	81510	70021	06011	856//	07821	85630	88650	
Ringway	334	72505	70021	05809	40932	04811	84360	86070	
Squires Gate	318	63011	75022	05110	38431	05813	83819	83360	85075
Ronaldsway	204	73104	84012	04708	15736	05720	81650	85358	87270
Mull of Galloway	131	73206	84022	04507	5851/	05817	82825	84630	
Eskdalemuir	162	70000	82022	03407	755//	03812	87628		
Prestwick	135	83305	80031	03908	2547/	04719	81712	86360	88465
Abbotsinch	140	72507	84022	03107	2567/	04715	81630	87362	
Leuchars	171	32303	89021	03103	10942	00712	81360	83075	
Dyce	091	73009	84038	02506	15642	03812	81640	83364	86075
Lerwick	005	23311	80018	98805	19431	02705	81910		
Wick	075	52706	82018	02104	48502	03710	83820	85070	
Sule Skerry	010	73412	74038	02407	785//	05714	82820	87625	
Cape Wrath	049	62708	81038	02706	4854/	05715	83820	84625	86360
Stornoway	026	70000	80032	02607	784//	05820	83818	87635	
Benbecula	022	80905	80602	01906	5542/	05729	85618	88460	
Tiree	100	80000	86032	02207	755/7	05732	82620	87640	88270
Aldergrove	917	81602	80216	03908	855//	04731	83624	88633	
Malin	980	81610	84216	02108	3547/	05740	81716	83645	88459
Belmullet	976	82315	50615	01712	863//	11747	85707	88714	
Birr	965	82006	70606	05011	863//	10836	88707		
Dublin	969	82301	80606	04911	5567/	07828	83630	85645	88459
Shannon	962	72617	65016	05713	763//	11737	82709	84716	
Roches Point	952	72311	75012	07712	3547/	11830	81716	83637	87459
Valentia	953	82515	65035	08313	863//	11832	84709	88718	

OBSERVATIONS at 06h. 6 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81807	64612	04509	6537/	09717	83707	85620	88358
Hurn	862	72309	70032	04912	2847/	11723	81710	87360	
Manston	797	72405	68022	05109	755//	05707	82626	87642	
Gatwick	776	72102	70022	05208	1585/	06711	81657	87360	
Kew	775	71803	81022	04708	5562/	05713	85640	87460	
Heathrow	772	72006	81031	04609	45671	05813	84638	87359	
Honington	586	72508	66012	03808	25632	04606	82645	84362	86075
Wattisham	590								
Gorleston	497	82010	66032	03211	4562/	08715	84630	88460	
Aberporth	502	82213	62602	00511	853//	11736	87708	88640	
Filton	628	72309	80012	02911	753//	10725	81708	84618	87656
Rhoose	715	72514	66016	02712	7531/	09625	81709	85614	87625
Hartland Point	703	82524	62022	03411	873//	11729	88708		
Mount Batten	827	72512	62012	05212	7533/	11724	83706	85615	87625
St. Mawgan	817	82416	56205	05312	871//	11725	83702	88703	
Scilly	804	72522	60012	06912	785//	12724	84820	87625	
Culdrose	809	82516	57102	06512	851//	12724	82702	85706	88615
Guernsey	894	72614	61011	08111	6513/	11712	83702	85650	87360
Elmdon	534	81906	70602	02508	855//	05820	88622		
Cardington	559	71905	67022	03508	70972	05717	81359	85362	87463
Wittering	462	72505	80022	03008	70972	05814	87359		
Watnall	354	82004	70611	01908	4567/	05718	84632	86359	88461
Shawbury	414	81807	75211	00809	5547/	07731	81618	85635	88460
Finningley	360	82005	70602	01608	5857/	05813	81825	85636	88359
Spurn Point	396	72307	65016	02409	5567/	05714	85630	87360	
Leeming	257	71609	66026	00308	754//	05722	81710	83618	87640
Tynemouth	262	81714	61022	99407	4562/	05725	84630	88458	
Carlisle	222	81507	81602	98508	5847/	06726	81817	85650	87360
Valley	302	82020	60516	98111	851//	10742	82702	85705	88616
Ringway	334	81807	65616	00808	7552/	06829	87622	88458	
Squires Gate	318	81510	72616	99209	6552/	07831	82620	85650	88460
Ronaldsway	204	81813	35632	96509	871//	09745	85702	88703	
Mull of Galloway	131	81915	60626	95908	885//	08751	83825	88630	
Eskdalemuir	162	80000	66022	98306	854//	04728	81715	88640	
Prestwick	135	81310	80616	96407	6547/	05742	81615	84628	85656
Abbotsinch	140	81106	75602	96708	4542/	05734	81616	84640	88458
Leuchars	171	71012	84021	98509	6542/	04725	81616	86630	87462
Dyce	091	80000	84022	99305	5567/	03611	85640	88462	
Lerwick	005	33313	80808	96506	29402	03710	81910		
Wick	075	72702	80151	99005	48432	03711	82818	83640	87070
Sule Skerry	010	73612	82028	99607	32506	05609	83820	87275	
Cape Wrath	049	72706	84808	99105	5851/	04716	83820	85625	87460
Stornoway	026	70311	80022	98707	7842/	05614	83818	86635	
Benbecula	022	70512	80606	97207	4552/	05613	82620	84635	87459
Tiree	100	81120	56636	94906	6542/	06628	82710	86615	88556
Aldergrove	917	81812	50516	93110	862//	09757	81704	85708	88710
Malin	980	72513	70806	92210	784//	09635	83714	85818	86628
Belmullet	976	72917	62806	95208	734//	06628	83716	86920	
Birr	965	82510	74216	97010	863//	09734	87707	87632	
Dublin	969	82214	65216	95412	863//	10746	85709	88620	
Shannon	962	72917	62606	98211	764//	09730	83712	84715	86625
Roches Point	952	82319	50606	99813	5732/	11739	85706	88458	
Valentia	953	72818	70016	02011	785//	09725	86820		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	91071	01 +		r.r.d.
Hurn	862	97090	06 +		r.
Manston	797	97060	02 +		r.
Gatwick	776	97060	02 +		r.d.r.
Kew	775	97050	53 +		ir.r.
Heathrow	772	91071	02 +		r.r.
Honington	586	97071	05 +		r.
Wattisham	590				
Gorleston	497				
Aberporth	502	96081	06 ir.		ir.irir.
Filton	628	97100	08 +		ir.
Rhoose	715	97081	08 +		r.ir.r.
Hartland Point	703	97091	10		
Mount Batten	827	94121	09 +		r.r
St. Mawgan	817	91111	10 +		id.r.
Scilly	804	00110	10 +		+
Culdrose	809	00101	09 +		+
Guernsey	894	93101	09 +		ir.r.r.
Elmdon	534	93071	03 +		r.rir.
Cardington	559	97030	52 +		r.r.
Wittering	462	91051	03 +		r.r.
Watnall	354	96061	03 +		r.r.d.r.d.r
Shawbury	414	92051	02 +		r.d.
Finningley	360	02061	03 +		r.rr
Spurn Point	396		ir.		ir.
Leeming	257	01071	07 r.		r.rr
Tynemouth	262	00081	07 +		+
Carlisle	222	03071	05 +		r.rr
Valley	302	02101	08 +		rrdr
Ringway	334	03061	05 +		r.r.r
Squires Gate	318	03081	07 +		r.r.r
Ronaldsway	204	07081	07 +		r.r.R
Mull of Galloway	131	03062			
Eskdalemuir	162	02051	04 +		r.rr
Prestwick	135	04071	06 +		r.rr
Abbotsinch	140	03061	04 +		r.r.rr
Leuchars	171	95031	53 +		ir.r
Dyce	091	97021	52 +		r.
Lerwick	005	91041	01 pr.		pr.
Wick	075	91011	52 +		pr.
Sule Skerry	010	01051	01		
Cape Wrath	049	04041	05 pr.		pr.pr
Stornoway	026	03031	01 +		pr.ph.r.pr.
Benbecula	022	97061	05 ir.		ir.
Tiree	100	10051	05 r.rr.		r.rR
Aldergrove	917	05071	07 r.-r.r.		r.r.d.r.rd
Malin	980	04071	07		
Belmullet	976	03081	07		
Birr	965	01101	09		
Dublin	969	02101	10		
Shannon	962	01091	09		
Roches Point	952	97111	10		
Valentia	953	02091	09		

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06001	83105	97025	28408	864//	00708	88714	/////	05307	10951	3//01	27/02
L	99571	70200	06004	63248	97258	06808	59360	71306	82708	85912	0//05	11077	30910	28908
M	99643	10036	06004	70205	97022	94306	55540	00809	/////	/////	05350	10804	30201	34705
R	99464	70159	06004	32914	97011	23414	35500	00806	83625	/////	0//10	11420	30702	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99537	70355	06061	80403	96102	26707	846//	00712	88713	/////	05407	10931	3////	14903
L	99572	70203	06064	70222	98038	12109	58471	81228	81812	85630	0//04	11043	30808	29808
M	99643	10036	06064	40416	98021	93507	15532	00703	/////	/////	05102	10773	30302	34704
R	99466	70164	06064	62719	97031	18914	65500	00721	86625	/////	0//10	11440	30604	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

42201

Date of Issue TUESDAY 7 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 6 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82018	65026	98813	5842/	10730	83815	83625	88460
Hurn	862	82318	62606	00114	883//	10725	81708	86710	88635
Manston	797	82119	68212	01313	7842/	10722	82710	84814	88462
Gatwick	776	82115	75608	99915	6847/	11829	83817	84622	88462
Kew	775	82013	65216	99015	6852/	10732	85820	83630	88462
Heathrow	772	82211	75216	98515	5857/	10835	81820	84625	88462
Honington	586	81816	66606	98212	7552/	08837	84620	85645	88460
Wattisham	590								
Gorleston	497	71918	66022	99312	70930	05725	87360		
Aberporth	502	52619	75026	94613	58400	09620	82815	84645	
Filton	628	82315	65616	96413	7532/	11736	82708	87615	88525
Rhoose	715	72520	60616	96312	2832/	11635	81706	87458	
Hartland Point	703	72530	62216	98011	752//	10524	83704	87635	
Mount Batten	827	82424	62026	00313	7822/	11727	82704	87620	88459
St. Mawgan	817	82422	40626	99912	852//	11729	86704	88614	
Scilly	804	82823	50626	02412	863//	11719	88707		
Culdrose	809	82521	45606	01712	852//	11623	82704	84708	88615
Guernsey	894	82421	02516	04511	870//	11719	88700		
Elmdon	534	72014	66216	94313	753//	11740	81709	84711	87650
Cardington	559	82114	60636	97212	4552/	11738	84628	88459	
Wittering	462	82018	58616	95812	853//	11741	83708	86710	88620
Watnall	354	81914	59615	93312	854//	11747	82714	87618	88640
Shawbury	414	82318	58806	92114	884//	11743	84817	88640	
Finningley	360	81511	64216	93112	5737/	11850	84708	83630	88460
Spurn Point	396	81625	62216	95309	854//	08747	86715	88625	
Leeming	257	81512	56616	91909	872//	08747	88703		
Tynemouth	262	81419	56636	93508	8052/	07734	88525		
Carlisle	222	81511	57636	89109	6542/	08647	81710	83627	85648
Valley	302	72422	81806	92013	795//	09617	83925	83650	
Ringway	334	82114	58626	91613	854//	09642	81712	83622	88635
Squires Gate	318	72516	70806	90513	6843/	11836	81710	84640	86360
Ronaldsway	204	72416	80256	89512	68402	09717	83816	85640	
Mull of Galloway	131	72510	85806	88111	22571	10716	82825	87360	
Eskdalemuir	162	80807	60636	90007	873//	06640	86708	88712	
Prestwick	135	80716	63616	88508	853//	08729	81709	83615	87630
Abbotsinch	140	80715	57636	91006	5532/	04520	82708	84624	88550
Leuchars	171	80725	57636	93807	883//	06717	84707	86812	88650
Dyce	091	80908	80606	96309	6142/	05714	81710	85812	88459
Lerwick	005	43113	82258	95409	33402	01506	81910	83815	
Wick	075	70709	80258	97208	48432	03708	83815	86070	
Sule Skerry	010	63612	82028	98508	32501	06705	83820	86075	
Cape Wrath	049	60509	82028	98307	43509	04704	84925	86170	
Stornoway	026	70520	80158	98208	42502	03502	84820	86070	
Benbecula	022	60324	87016	96212	48532	04400	83820		
Tiree	100	70526	82808	93507	784//	05504	85816	87630	
Aldergrove	917	72611	75808	88910	793//	08716	82709	84915	85645
Malin	980	70330	65608	89808	734//	07503	83715	84818	85632
Belmullet	976	83528	64808	93311	834//	08504	82718	87920	
Birr	965	62616	82018	92814	685//	07720	85822	83635	
Dublin	969	52418	82158	90713	33503	05718	83922	83068	
Shannon	962	72819	65806	94512	734//	09721	82710	84716	85920
Roches Point	952	32821	70256	96413	38470	07717	83816		
Valentia	953	62722	70258	98612	63500	09721	86920		

OBSERVATIONS at 18h. 6 JUNE 1977

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	72711	84036	95213	68502	08511	82822	85645	
862	42416	75016	96014	31301	09515	81709	83812	
797	72124	65215	95613	6847/	10624	82711	85815	87460
776	72317	68216	95613	68402	11617	85712	84650	
775	62113	81026	94314	58561	10715	85820		
772	72412	65806	94214	68502	09613	85822		
586	62116	75016	92113	5853/	10816	84822		
590								
497	72025	58626	92314	2752/	11726	82725	87460	
502	72418	63801	92411	784//	09816	83818	87645	
628	52717	82256	94113	48501	08706	83822		
715	52618	68038	94213	28531	08812	82822	83358	
703	62832	74022	95312	58501	08717	81820	85635	
827	72617	82256	97213	6853/	09715	82825	86640	
817	72519	75028	97112	6843/	09819	84814	83645	
804	62724	65038	99412	38532	09716	82820	84360	
809	72718	35806	99111	3333/	08711	82708	83918	86359
894	82421	13586	00511	870//	11719	84700	87701	
534	72517	82038	91513	785//	04605	84825	85650	
559	42520	75016	92414	38501	08614	82825	83640	
462	52414	80258	91113	58500	08605	82825	84656	
354	52417	80038	89713	58600	04605	84830		
414	62517	82158	90613	69430	06704	81915	84824	
360	72511	83809	89411	7956/	06001	82920	85645	
396	42815	65019	89513	29470	08511	82915	84360	
257	72311	82028	87611	53563	06609	83925	84070	
262	71802	60258	87110	3363/	07721	83930	87358	
222	72510	75038	86611	4847/	08504	81711	83650	86362
302	62314	80258	89911	69500	09712	81925	84650	
334	52513	82258	89612	58500	07609	82820	84640	
318	72620	65808	88411	784//	08610	83818	87638	
204	73116	72808	88909	784//	07502	82711	85818	86640
131	70127	81808	87908	5257/	07400	85825	87360	
162	80216	61636	88206	853//	05303	82709	86712	88628
135	80423	58636	89606	3542/	04213	81712	83618	88550
140	80410	65616	91306	7542/	04310	81714	83618	87626
171	80424	62636	92306	883//	04603	81708	87812	88645
091	80411	75606	94608	4842/	03708	83818	88556	
005	63403	84158	95209	694//	02500	84910		
075	70302	82271	96407	634/1	04704	82915	83818	
010	63414	81018	97308	685//	06710	84820		
049	50512	84018	97607	43501	05706	84925	85070	
026	30316	86021	98308	22502	03400	82828		
022	33522	86028	98109	22502	02210	82824		
100	80128	82608	95509	6842/	05211	81816	85633	88459
917	73615	80258	91207	784//	05226	83710	84816	87618
980	80133	78256	93809	7847/	05215	82714	86818	85640
976	73324	78258	98610	735//	04216	87820	83920	
965	73316	82028	94411	785//	05129	85820	85636	
969	73318	82258	90910	795//	08310	85820	82920	83645
962	73320	80808	96710	635/2	05232	85922		
952	73129	80808	94512	684/2	08702	86817	87073	
953	73420	75018	99811	785//	06224	85824	85645	

OBSERVATIONS during DAY

iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	02151	032	d_o-r_orRr_o	r_opr_o
862	02141	022	r_or_o	r_or_opr_o
797	97140	002	$r_od_or_o$ir_o	ir_o
776	01151	008	p$r_or_od_or_o$dr	$r_od_or_o$
775	02151	016	r_o	r_oRrpr_o
772	01161	015	ir_o	$r_o$rp$r_o$pr
586	02151	015	r_or_or	r_or
590				
497		012		
502	02131	060	$r_o$rr	pr_o
628	04151	045	i$r_o$irrr_oRr_o	pr_o
715	03151	050	$r_o$rrr_oRr_opr_o	pr_o
703	03131	054		
827	01141	020	rr_o	pr_o
817	02141	022	rpr_o	pr_o
804	01151	028	ir	prpr_o
809	03131	021	i$r_or_or_o$	pr_o
894	04122	000	id_of$d_od_o$fir_o	i$r_od_or_o$R
534	02151	029	$r_or_o$rirp$r_o$pr	pr_o
559	02161	039	i$r_or_or_o$rr	r
462	02161	031	r_or_o	p$r_o$prpr_o
354	02151	032	r_or_orRph_or_o	pr_o
414	95151	049	$r_o$rpr_o	pr_o
360	05141	012	r_orRtlr_otl_o	p[illegible]HRtl_o
396			ir_o	tlr
257	07141	010	rr$r_or_od_or_o$R	pr_o
262	10112	005	rr	rrpr
222	11141	017	rrr_orRir_opr_o	pr_orRr_o
302	03141	056	ir_opr_o	p$r_o$pr
334	08141	020	$r_od_or_o$rRprphr	prpr_o
318	04131	016	ir_orRpr_o	prpr_o
204	06141	034	r_opr_opR	pRpr_o
131	02121			
162	25092	000	rrr_oir_o	rrr_o
135	11091	000	rrRr_or_o	rrr_or_o
140	15071	000	rr$r_or_o$rr	rrr_or_o
171	19092	000	r_oRrr	rrr_or_o
091	97101	002	ir_o	i$r_or_or_o$
005	97111	127	pr_o	pr_o
075	01091	067	pr_o	pr_oph_o
010	04102			
049	93072	085	pr_o	pr_o
026	01091	088	pr_o	jz
022	97131	108	pr_o	pr_o
100	92091	010	rrr_opr_o	ir_o
917	04141	019	p$r_o$prp$r_o$pr	pr_or_o
980	0112	014		
976	0113	073		
965	0115	068		
969	0315	065		
962	0215	056		
952	0115	045		
953	0114	033		

Code FM 21.V

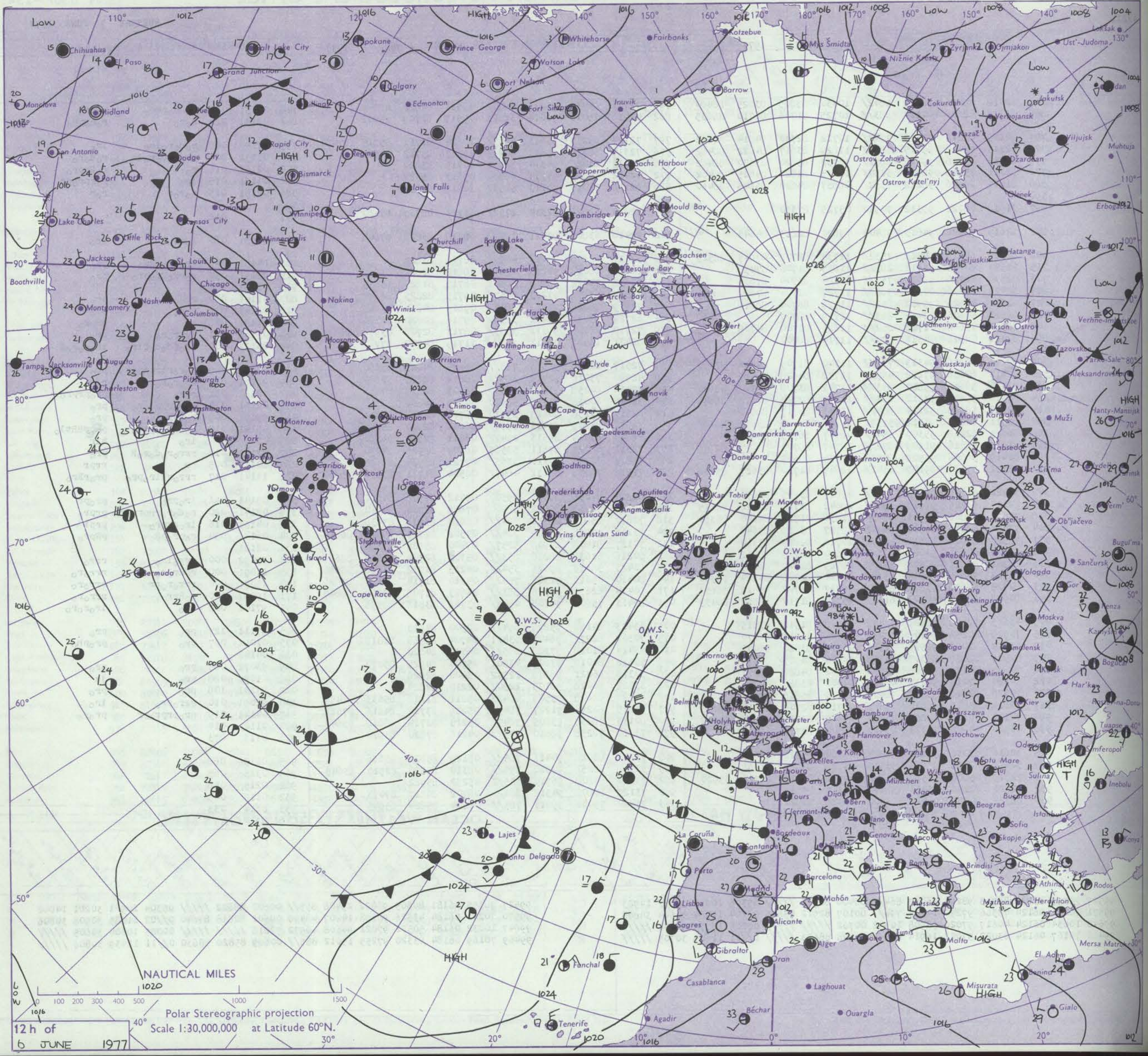
OCEAN WEATHER STATION REPORTS at 12h.

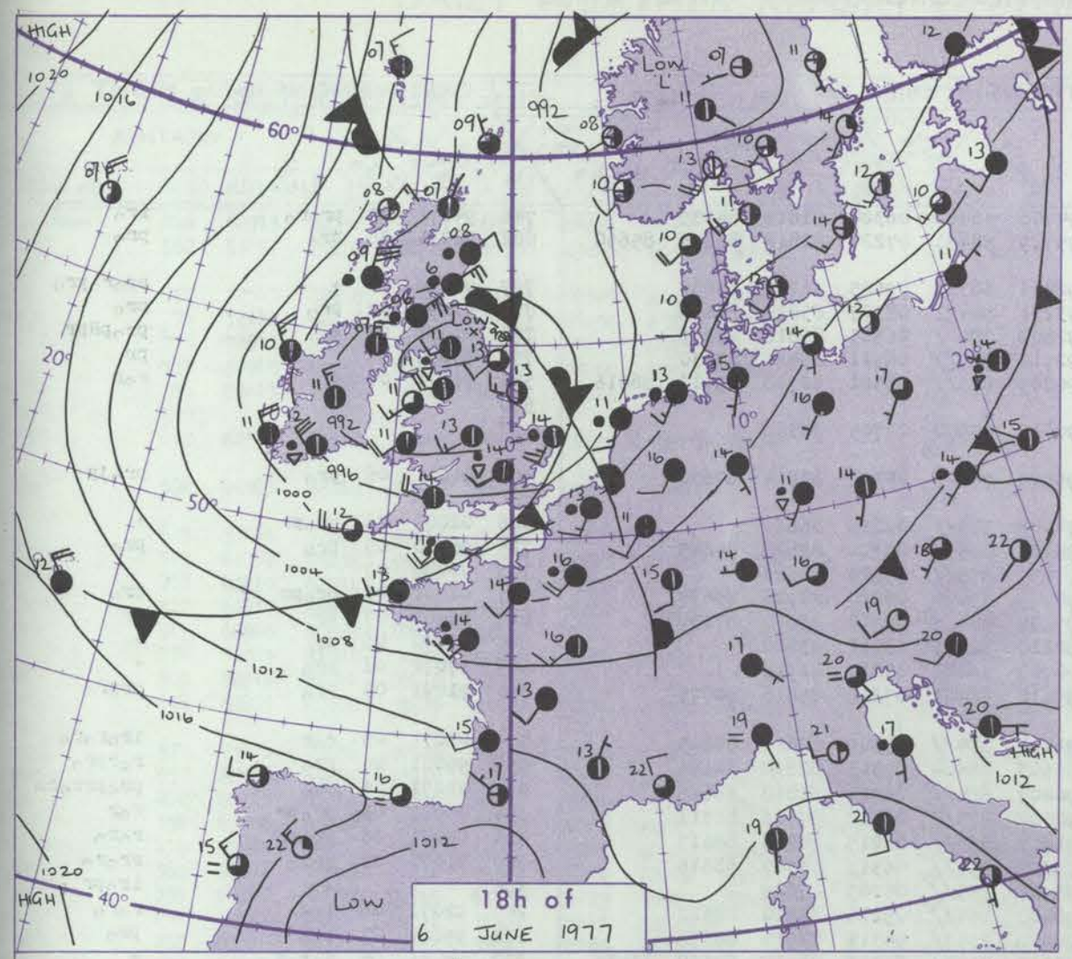
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$IT_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06121	80703	98205	26407	864//	00400	88715	/////	05306	10959	3////	14903
L	99571	70201	06124	73306	97252	14207	794//	00107	82912	83815	0//04	11064	30504	34808
M	99643	10034	06124	40617	97020	92908	10942	00702	/////	/////	00206	10775	30504	/////
R	99468	70167	06124	83022	97022	16914	855//	00508	88623	/////	0//11	11405	30705	/////

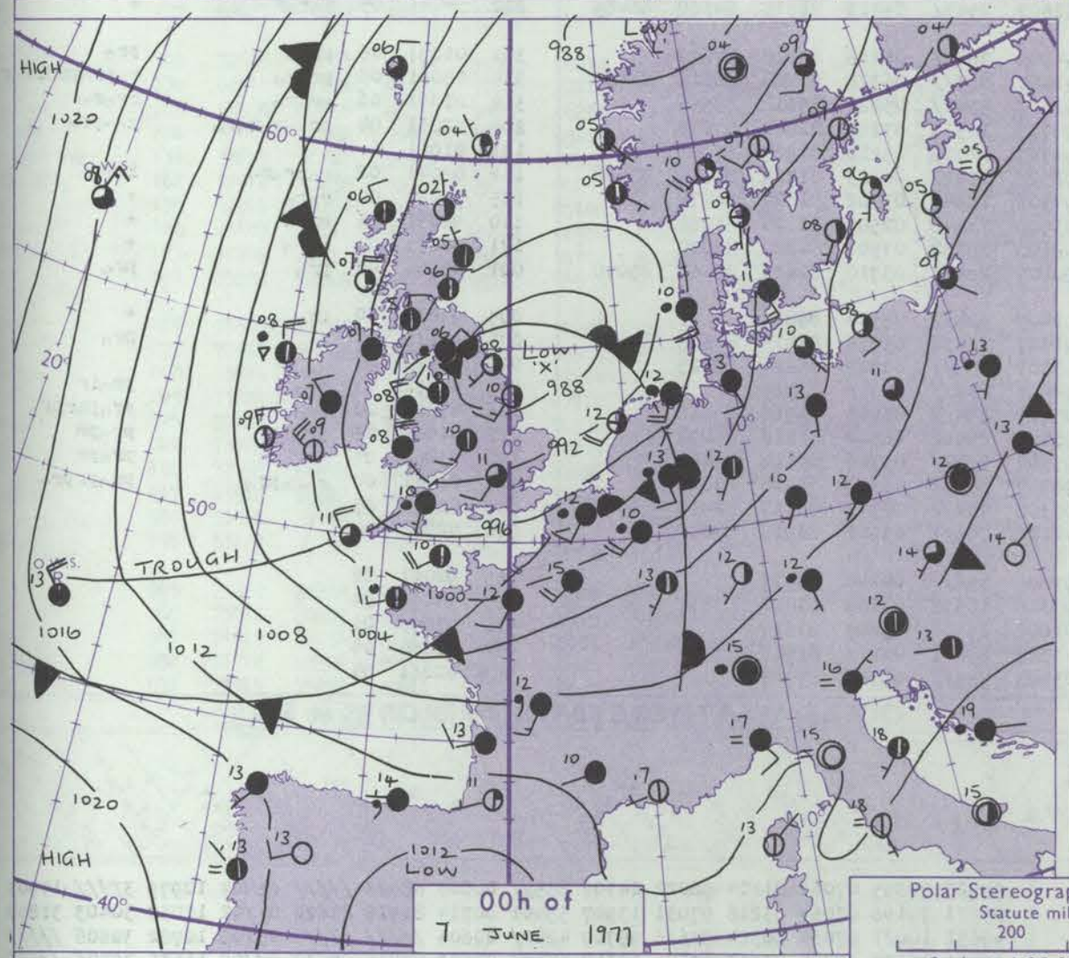
OCEAN WEATHER STATION REPORTS at 18h.

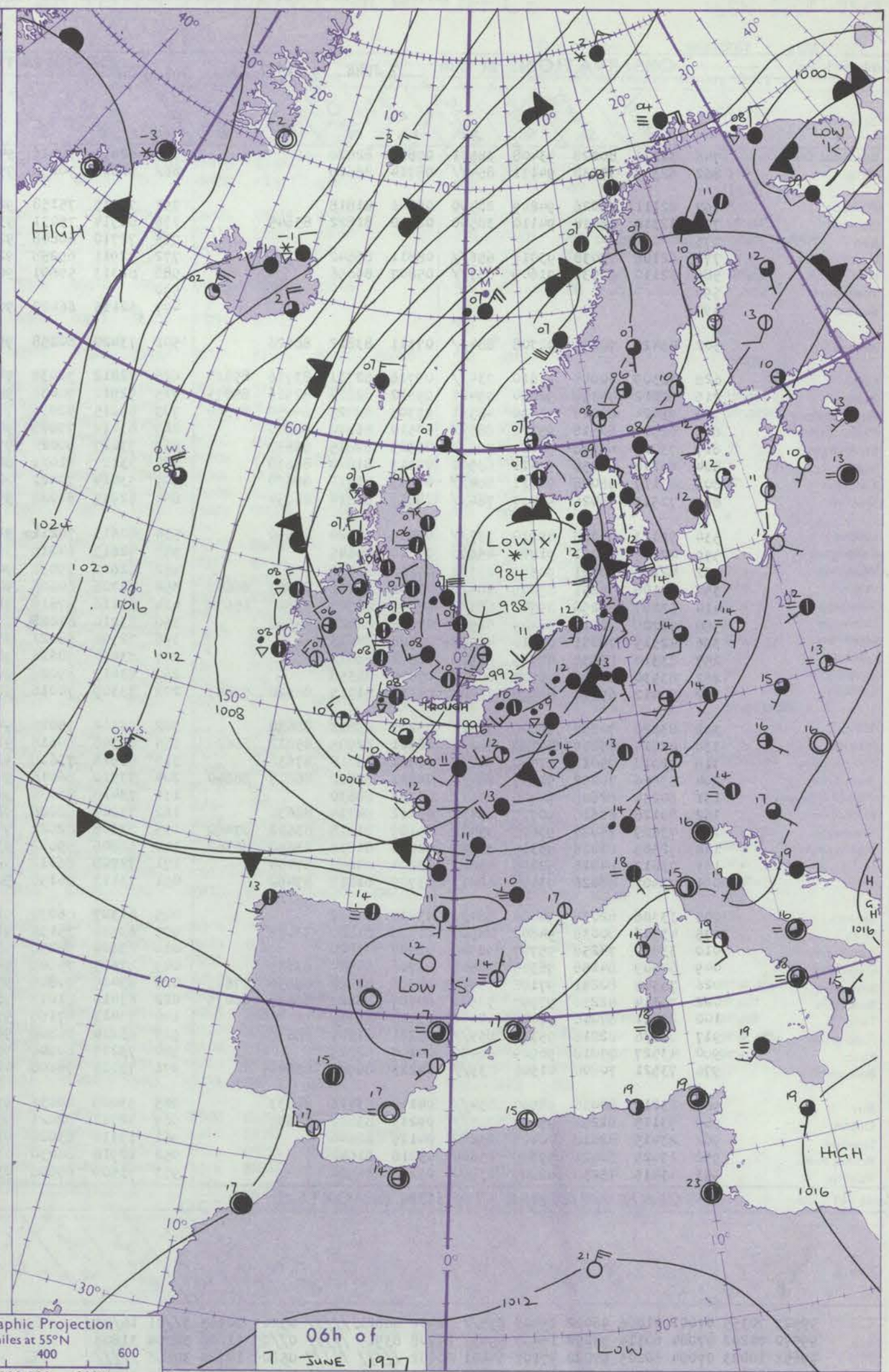
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$IT_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06181	80805	98022	25408	855//	00602	88622	/////	05304	10981	30201	14002
L	99570	70201	06184	43526	98158	14207	48400	00501	82818	84640	0//02	11085	30908	30806
M	99647	10032	06184	50521	97021	94608	40972	72216	/////	/////	00005	10800	30605	/////
R	99469	70169	06184	83320	97255	15012	885//	00609	85820	88630	0//11	11439	30806	/////

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 7 JUNE 1977

During the past 24 hours a depression moved from the north of Ireland eastwards into the central North Sea. During the next 24 hours the depression will move slowly northwards towards southwest Norway but all parts of the British Isles will remain within the circulation of this low.

Code FM 11.V

OBSERVATIONS at 00h. 7 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	32111	80028	93408	38501	07815	82820		
Hurn	862	82312	75038	94111	854//	08714	88619		
Manston	797	22111	75026	94209	28400	08806	81818		
Gatwick	776	32310	68018	94110	38500	08810	81822	83645	
Kew	775								
Heathrow	772	62108	75038	93011	656//	08811	86642		
Honington	586	62110	80031	91609	657//	05807	86656		
Wattisham	590								
Gorleston	497								
Aberporth	502	83420	70258	92708	884//	07311	83812	88626	
Filton	628	72309	60808	91610	734//	09716	82711	83916	85820
Rhoose	715	52812	75258	92010	39401	09512	82815	82916	85075
Hartland Point	703	73424	82028	94410	48531	07303	82825	84650	87360
Mount Batten	827	82920	60818	95111	885//	10510	86820	88640	
St. Mawgan	817	73018	80028	96411	784//	06305	84815	86630	
Scilly	804	63218	81258	99411	68500	07313	81820	86630	
Culdrose	809	83117	58028	97711	884//	07303	81712	88630	
Guernsey	894	72519	75026	98410	784//	08813	86814	86650	
Elmdon	534	72113	75028	89910	755//	07615	81620	87650	
Cardington	559	42315	75011	91709	45600	07810	84645		
Wittering	462	42212	80021	90509	25702	07810	82650		
Watnall	354	72108	75251	89009	784//	07708	83712	84823	86647
Shawbury	414	63107	60258	89908	683//	07303	82707	83818	85630
Finningley	360	52208	82018	88409	58500	07808	82822	84650	
Spurn Point	396	42315	70031	89010	45500	02708	84625		
Leeming	257	83310	82038	87909	855//	06302	88620		
Tynemouth	262	83530	61028	86508	8097/	07400	88358		
Carlisle	222	80412	65618	89906	7542/	04116	81715	84620	87643
Valley	302	83320	70258	91608	884//	05207	85818	88630	
Ringway	334	82710	65258	89309	882//	06301	82705	85812	88620
Squires Gate	318	72910	75018	87710	784//	08704	83818	87638	
Ronaldsway	204	83616	70252	91807	884//	04321	81712	86817	88640
Mull of Galloway	131	80234	82608	92406	856//	05223	88630		
Eskdalemuir	162	80126	60616	90705	854//	03212	84714	88630	
Prestwick	135	73609	75026	93605	35422	04109	81618	83622	87460
Abbotsinch	140	72505	81026	93305	38472	04001	81818	83640	86362
Leuchars	171	73612	84016	92806	4562/	03201	84645	87464	
Dyce	091	73407	86026	93405	1241/	03707	81818	87462	
Lerwick	005	33306	82038	94004	38400	03810	81812		
Wick	075	43506	80038	94802	28502	01709	81820	83075	
Sule Skerry	010	33410	74258	95707	32500	06707	83820		
Cape Wrath	049	60509	84158	96306	53501	05706	82920	83625	
Stornoway	026	73308	80251	97106	785//	04808	81822	83630	87645
Benbecula	022	73314	82258	97707	58502	04707	83820	83635	86075
Tiree	100	23621	87016	97007	12402	03003	81818		
Aldergrove	917	83606	82218	95307	855//	05221	81625	88656	
Malin	980	43527	75018	96909	38430	04207	82819		
Belmullet	976	73521	70808	01508	735//	04213	86920	83640	
Birr	965	83211	80038	98507	854//	04114	83716	88633	
Dublin	969	73115	81258	95007	785//	04213	83822	87635	
Shannon	962	23415	82018	00408	25600	04115	82640		
Roches Point	952	13025	80021	99309	15600	05216	81640		
Valentia	953	13415	75258	02809	13500	05209	81924		

OBSERVATIONS at 06h. 7 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62611	70016	94708	48402	06324	81815	84635	
Hurn	862	52610	70258	95709	58431	07227	82818	83635	85650
Manston	797	72215	75158	92411	68331	09605	81708	85650	
Gatwick	776	82514	75031	93211	884//	08307	85814	88645	
Kew	775	72710	60808	92809	784//	06303	86818	87635	
Heathrow	772	72911	65258	92710	785//	06311	83820	87630	
Honington	586	82313	57601	90209	853//	08501	82708	85712	88616
Wattisham	590								
Gorleston	497	52115	66022	90010	50970	07705	85360		
Aberporth	502	73420	80258	95908	784//	05322	87814	87630	
Filton	628	72812	70038	94408	785//	06219	86820		
Rhoose	715	72912	70038	95208	6853/	05320	83820	84645	
Hartland Point	703	83215	82036	97209	855//	05320	88620		
Mount Batten	827	63114	75808	98209	69400	06220	82916	84635	
St. Mawgan	817	73017	80028	99209	784//	05318	83818	87630	
Scilly	804	33117	81021	02210	32501	06212	83820		
Culdrose	809	33014	70021	00709	39401	04217	81918		
Guernsey	894	62917	81028	99610	58401	07220	85816	84075	
Elmdon	534	82613	70216	91108	854//	05309	82613	88615	
Cardington	559	42613	64018	91609	48604	07313	82830	84645	
Wittering	462	62610	75038	90407	684//	06211	81818	86645	
Watnall	354	82706	60628	90007	873//	06312	87706	88711	
Shawbury	414	83216	57616	91907	853//	06215	84708	88617	
Finningley	360	83210	81028	89808	853//	06313	83707	88616	
Spurn Point	396	72708	68021	88909	755//	04205	87625		
Leeming	257	83417	70616	90407	854//	05216	85710	88622	
Tynemouth	262	83417	69028	90008	3357/	04315	83925	88358	
Carlisle	222	73309	70016	92607	2547/	04213	81713	84360	86465
Valley	302	73514	75028	94909	784//	05216	83818	87640	
Ringway	334	83308	60618	91407	883//	06328	81706	86615	88630
Squires Gate	318	83515	75618	92607	5542/	05228	85618	88556	
Ronaldsway	204	73310	86016	94707	38538	03210	82820	87270	
Mull of Galloway	131	73418	86036	94707	12506	05210	81825	87075	
Eskdalemuir	162	73214	82026	92705	3547/	00213	81714	83640	87460
Prestwick	135	73305	82022	94306	18542	03302	81820	86070	
Abbotsinch	140	62806	89012	93505	18548	02501	81824	85268	
Leuchars	171	72708	86012	92106	18532	03501	81820	87070	
Dyce	091	73113	86158	90807	28471	03710	82815	85464	85070
Lerwick	005	61307	86038	91407	624/2	05504	86813		
Wick	075	63310	75151	91507	48432	05716	82818	84645	85070
Sule Skerry	010	83620	64258	93307	885//	07717	85820	88625	
Cape Wrath	049	83605	75808	94406	835//	05706	88925		
Stornoway	026	63409	70808	95707	694//	06505	84916	83818	
Benbecula	022	63410	81018	96109	28402	06502	81816	86072	
Tiree	100	73413	87158	95307	5842/	05706	84818	85462	
Aldergrove	917	63210	81808	96207	38332	05303	81708	83816	
Malin	980	73217	80808	96308	734/2	06703	86819	82919	85070
Belmullet	976	73217	76808	01108	795//	05501	86920	84640	
Birr	965	53009	80031	99806	556//	04206	85635		
Dublin	969	32712	82021	97306	18532	03109	81822	83070	
Shannon	962	13110	83020	01608	18500	05205	81820		
Roches Point	952	12916	80030	01307	19401	04213	81918		
Valentia	953	73509	65808	03708	735//	05306	87922		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	94071	05	pr₀r₀	ir₀
Hurn	862	92091	08	pr₀	pr₀
Manston	797	92090	08	+	pr₀r₀pr₀
Gatwick	776	91090	07	pr₀	pr₀
Kew	775	01091	06	+	pr₀pRpr
Heathrow	772	93090	07		pr
Honington	586	96071	07	+	r₀r
Wattisham	590				
Gorleston	497				
Aberporth	502	01061	06	pr₀	pr₀jp
Filton	628	02081	06	pr₀pr	+
Rhoose	715	96070	05	pr₀	pr₀
Hartland Point	703	01080	07		
Mount Batten	827	02091	06	pr₀pr	pr₀
St. Mawgan	817	03081	07	pr	pr
Scilly	804	92090	06	pr	+
Culdrose	809	97071	06	pr₀	+
Guernsey	894	91091	08	ir₀	prpr₀
Elmdon	534	01071	05	r₀r	ir₀r₀r₀
Cardington	559	95081	06	pr₀	r₀rpr₀
Wittering	462	01071	05	pr₀	pr₀prr₀r₀
Watnall	354	03061	04	pr₀pr	r₀r
Shawbury	414	05071	06	pr₀pr	r₀r₀
Finningley	360	01071	06	pr₀	rr₀r₀
Spurn Point	396			+	ir₀pr
Leeming	257	92071	06	ir₀	r₀r₀
Tynemouth	262	95061	07	pr₀	pr₀
Carlisle	222	94061	05	r₀r₀r	+
Valley	302	01071	06	pr₀	pr₀
Ringway	334	04061	06	pr₀r₀	r₀pr₀prRrr₀r₀
Squires Gate	318	01071	06	pr₀r₀	rr₀r₀
Ronaldsway	204	02061	04	pr₀-r-r₀r₀	r₀-pr₀
Mull of Galloway	131	01051			
Eskdalemuir	162	02041	02	r₀rr₀r₀	ir₀
Prestwick	135	91031	00	r₀r₀	+
Abbotsinch	140	92031	51	r₀r₀	+
Leuchars	171	91051	04	r₀r₀	+
Dyce	091	92041	00	pr₀	pr₀
Lerwick	005	97031	50	pr₀	+
Wick	075	97011	52	+	pr₀
Sule Skerry	010	04042	04		
Cape Wrath	049	04052	03	pr₀	pr₀ir
Stornoway	026	03021	00	pr₀	pr₀phrpr₀
Benbecula	022	01061	03	pr₀	pr₀pR
Tiree	100	93061	04	+	pr₀pr
Aldergrove	917	01041	00	r₀r₀pr₀	pr₀prpr₀
Malin	980	02071	05		
Belmullet	976	02061	04		
Birr	965	92041	02		
Dublin	969	94050	04		
Shannon	962	91050	01		
Roches Point	952	00060	04		
Valentia	953	02061	04		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07001	81006	98022	25408	855//	00400	88621	/////	05205	10953	3//01	14/03
L	99570	70202	07004	60114	98258	15407	5943/	81008	83915	/////	0//05	11086	30704	31808
M	99652	10023	07004	60225	97022	97107	54401	00002	/////	/////	05205	10780	30606	/////
R	99471	70171	07004	73218	97032	14313	785//	00803	82820	87630	0//08	11535	30705	36903

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07061	81104	98022	24307	855//	00605	88623	/////	05404	10979	3////	14903
L	99571	70196	07064	63218	97031	13507	59401	00714	81916	83820	0//02	11057	30403	31808
M	99651	10021	07064	80324	97636	95707	4242/	00604	/////	/////	05105	10762	30606	/////
R	99471	70172	07064	83615	97606	12312	5842/	00609	82815	85630	0//09	11515	30806	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

42202

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue WEDNESDAY 8 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 7 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62713	82152	98714	68601	05221	84830	83650	
Hurn	862	63017	80258	00112	63500	03223	83925	83640	
Manston	797	72517	82258	97113	785//	04323	81820	83825	86650
Gatwick	776	72614	62818	98612	785//	06230	85827	83645	
Kew	775	72612	83028	98111	785//	05229	84825	85635	
Heathrow	772	52915	84258	98113	58530	05230	83825	83640	
Honington	586	82413	70036	95209	854//	06325	88614		
Wattisham	590								
Gorleston	497	82510	62032	94911	885//	07229	84825	88630	
Aberporth	502	42913	88018	00010	48430	05216	83818		
Filton	628	53014	82018	99013	58500	06218	83825	83648	
Rhoose	715	62714	75258	99512	695/3	07215	82920	85825	
Hartland Point	703	43110	82011	01611	42530	05216	84820		
Mount Batten	827	62814	84808	02012	694//	06214	81915	85818	
St. Mawgan	817	62915	80028	02811	634//	05215	81912	85818	
Scilly	804	32913	81020	04914	32500	09214	83820		
Culdrose	809	52814	81021	03612	52400	02115	85818		
Guernsey	894	52818	82038	03813	29502	07218	82820	81922	83075
Elmdon	534	73113	70256	97509	684/2	05128	84818		
Cardington	559	82913	65218	97410	884//	06237	83818	84625	88640
Wittering	462	83113	62616	96808	884//	06339	81711	83820	88630
Watnall	354	83006	65616	96509	5841/	06222	84815	83640	88462
Shawbury	414	72911	68256	97111	59403	05212	82915	84820	87070
Finningley	360	62711	75216	95611	58538	05224	83822	83650	86275
Spurn Point	396	83212	60808	94710	6342/	04229	86915	88460	
Leeming	257	73112	89256	94511	725/2	03213	87825		
Tynemouth	262	63212	74022	93311	5264/	02212	85830		
Carlisle	222	62411	82252	93812	59563	04203	82920	83826	
Valley	302	72618	82031	98111	59563	06212	82920	83825	
Ringway	334	62912	80256	96511	53402	02116	81918	84822	
Squires Gate	318	52809	81256	96311	59402	06212	81915	83820	
Ronaldsway	204	73010	82258	96409	38432	05108	81818	83824	87070
Mull of Galloway	131	73215	86022	95811	5853/	07206	82825	85630	87360
Eskdalemuir	162	72911	83258	93410	795/1	01203	84922	83825	
Prestwick	135	62913	86161	94612	44562	03102	83827	83075	
Abbotsinch	140	43107	88011	93412	48602	01804	83830		
Leuchars	171	72708	82152	91412	78568	02707	84828	86636	
Dyce	091	73208	62808	90409	784/2	06503	81712	85820	85640
Lerwick	005	70513	84022	92909	42408	04206	84815	87275	
Wick	075	70912	84028	91109	6843/	05314	82818	86640	
Sule Skerry	010	53624	74016	93410	58500	07224	83820	85625	
Cape Wrath	049	73624	66816	92307	6343/	07710	83912	86620	
Stornoway	026	80127	70808	95509	6942/	06201	81912	83816	85625
Benbecula	022	73418	75258	97208	783//	07004	82708	85815	86628
Tiree	100	73618	80808	96508	783//	06206	82709	85816	87628
Aldergrove	917	63512	89028	96309	59403	06000	82915	85822	85075
Malin	980	53515	84018	97210	23502	04208	82920	83075	
Belmullet	976	53122	78258	01111	534//	07602	81717	83920	
Birr	965	73209	80808	00410	785//	07500	86820	84635	
Dublin	969	73012	80808	97411	635/2	04805	86822	82922	
Shannon	962	73219	84151	01514	53542	05301	85824	82924	
Roches Point	952	72712	80808	02011	49402	06001	84819	81918	85072
Valentia	953	73515	75258	04611	63502	08102	86922	83070	

OBSERVATIONS at 18h. 7 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	42311	84018	01611	49500	06108	81924		
Hurn	862	42414	82018	02413	33530	04304	81920	83645	
Manston	797	72414	56818	02709	7946/	06324	83818	86925	
Gatwick	776	62410	82259	02012	68501	07112	83826	83650	
Kew	775	62107	80258	01811	695//	05217	82925	83830	
Heathrow	772	72509	70808	01810	7956/	07219	84920		
Honington	586	62108	70806	99812	695//	05108	84920	83645	
Wattisham	590								
Gorleston	497	32206	66026	00411	31500	07219	83825		
Aberporth	502	72716	80801	00510	7343/	06304	81915	85820	86640
Filton	628	32713	82018	01611	19403	06309	81918	83072	
Rhoose	715	62716	83038	01611	68531	04310	86822		
Hartland Point	703	63018	82258	02411	59530	07102	85920		
Mount Batten	827	42712	86018	03512	48531	05306	84825		
St. Mawgan	817	42615	80011	03711	33402	05102	81915	83821	
Scilly	804	22716	82020	05512	29400	06301	81915		
Culdrose	809	52713	81031	04912	43401	05204	82916	83818	
Guernsey	894	72714	83031	05511	11582	03207	81820	83359	86075
Elmdon	534	52410	84258	99112	48602	01207	84830		
Cardington	559	42411	75258	00013	49400	06111	81915		
Wittering	462	32210	82018	99311	28530	05110	81825		
Watnall	354	62605	60258	98310	635//	05010	83920	83825	
Shawbury	414	52615	82028	98411	48533	05110	84825		
Finningley	360	52514	84028	97613	48632	03209	82835	83650	
Spurn Point	396	42616	75018	97612	33470	01210	81915	83820	
Leeming	257	32515	89038	96311	38600	03214	81830	83657	
Tynemouth	262	42511	81021	94313	32630	50205	83830		
Carlisle	222	62512	84258	94711	49433	05105	81717	82920	86072
Valley	302	32413	83018	98911	19563	07306	81920		
Ringway	334	72107	60958	98210	795//	06210	82920	84825	
Squires Gate	318	62816	80258	97210	695//	07204	82920	85823	
Ronaldsway	204	22609	89028	97410	19442	05108	81918		
Mull of Galloway	131	53320	84012	96610	48501	08104	83825		
Eskdalemuir	162	72618	82028	93711	48532	02206	83828	87070	
Prestwick	135	63119	84152	95011	34532	04304	83625	85075	
Abbotsinch	140	62811	86031	93810	38522	04312	82826	83462	
Leuchars	171	72410	70158	92311	6346/	07211	81710	82918	84645
Dyce	091	73610	75158	93208	784//	05218	81712	84820	87630
Lerwick	005	80512	84032	93608	3847/	04304	81815	88460	
Wick	075	80118	86032	93909	38537	05213	82820	86359	88270
Sule Skerry	010	73410	84026	95709	2251/	07211	82820	87458	
Cape Wrath	049	63612	82028	95608	4347/	06215	84918	86360	
Stornoway	026	83619	64808	97307	6832/	05107	81708	83815	85622
Benbecula	022	73421	81018	98309	48432	04205	82819	83635	86075
Tiree	100	73424	82018	97309	58418	06303	81712	85458	87270
Aldergrove	917	73413	82258	97910	6343/	05109	83916	84636	
Malin	980	83514	84258	99209	3352/	05210	81920	83640	88460
Belmullet	976	43517	81018	02212	33403	06311	81717	82920	
Birr	965	72704	81808	00609	635/2	07302	86920	84070	
Dublin	969	72813	84258	99010	434/3	06210	81718	83924	85070
Shannon	962	53118	82258	01812	535//	06103	85826	81926	
Roches Point	952	72721	80258	02412	23402	04306	82818	87072	81918
Valentia	953	73214	75038	05211	63502	06304	86922	83070	

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	92141	093	pr.	pr.
Hurn	862	01141	080	pr.pr	pr.pr
Manston	797	02141	063	pr.	pr.pr
Gatwick	776	07131	054	pr.prtl.rRr.	pr.prtl.RHRr
Kew	775	97151	064	pr.	pr.
Heathrow	772	96151	066	pr.	pr.pr
Honington	586	02121	038	r.rr.r.	r.pr.
Wattisham	590				
Gorleston	497		036		
Aberporth	502	93121	089	jp	pr.jp
Filton	628	02141	083	pr.pRphrpR	pr.pr
Rhoose	715	01131	097	pr.	pr.phr
Hartland Point	703	95111	094		
Mount Batten	827	91140	128	pr.	jp
St. Mawgan	817	00131	109	+	+
Scilly	804	01141	136	+	pr
Culdrose	809	00131	143	+	+
Guernsey	894	00131	118	+	+
Elmdon	534	97141	043	r.r.pr.	pr.
Cardington	559	97141	053	pr.ir.	pr.
Wittering	462	02131	044	r.r.rr	pr.
Watnall	354	95131	038	r.r.r-pr.	pr.
Shawbury	414	95131	049	r.r.pr.prphr	pr.
Finningley	360	92141	036	r.r.pr.	pr.
Spurn Point	396			pr.	+
Leeming	257	92131	056	pr.	pr.
Tynemouth	262	00130	081	+	+
Carlisle	222	04131	063	pr.	pr.prpRphr
Valley	302	97121	102	pr.	pr.
Ringway	334	01121	048	r.r.pr.	pr.tl.r
Squires Gate	318	97121	079	pr.	pr.
Ronaldsway	204	95111	089	pr.	pr.
Mull of Galloway	131	00120			
Eskdalemuir	162	97131	061	pr.	pr.
Prestwick	135	01131	127	jp	rr.r.
Abbotsinch	140	97141	085	jp	pr.
Leuchars	171	01131	042	pr.	pr.r.
Dyce	091	05101	043	pr.pr	pr.
Lerwick	005	00100	067	+	+
Wick	075	92111	056	pr.	+
Sule Skerry	010	01112			
Cape Wrath	049	03082	021	pr	pr.r.r.
Stornoway	026	05091	000	pr.	pr.pr
Benbecula	022	03101	021	pRprphr	pr.pr
Tiree	100	01101	028	pr.pr	pr.r.pr.
Aldergrove	917	02131	068	pr.pr	pr.
Malin	980	9411	055		
Belmullet	976	0113	078		
Birr	965	0412	041		
Dublin	969	0312	103		
Shannon	962	9714	108		
Roches Point	952	9613	096		
Valentia	953	0312	058		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

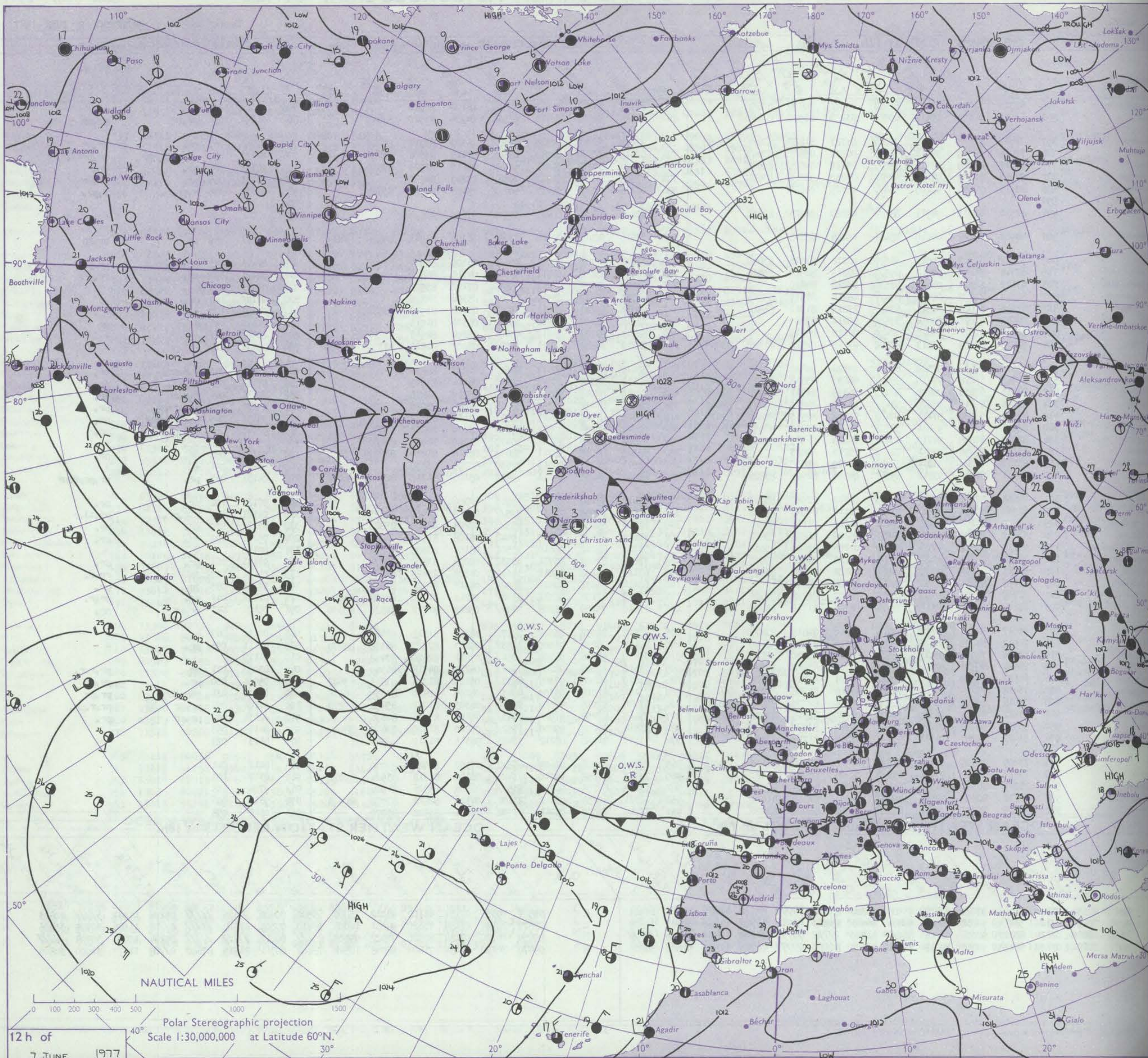
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07121	71104	98022	24808	75500	00304	87624	/////	05304	10971	3////	14903
L	99570	70199	07124	53419	97032	12908	58400	00501	83818	83640	0//02	11050	30403	31808
M	99655	10020	07124	80327	97026	97006	884//	81210	/////	/////	05205	10789	30708	/////
R	99471	70171	07124	60405	97256	12313	48431	00000	82815	/////	0//08	11514	30000	34805

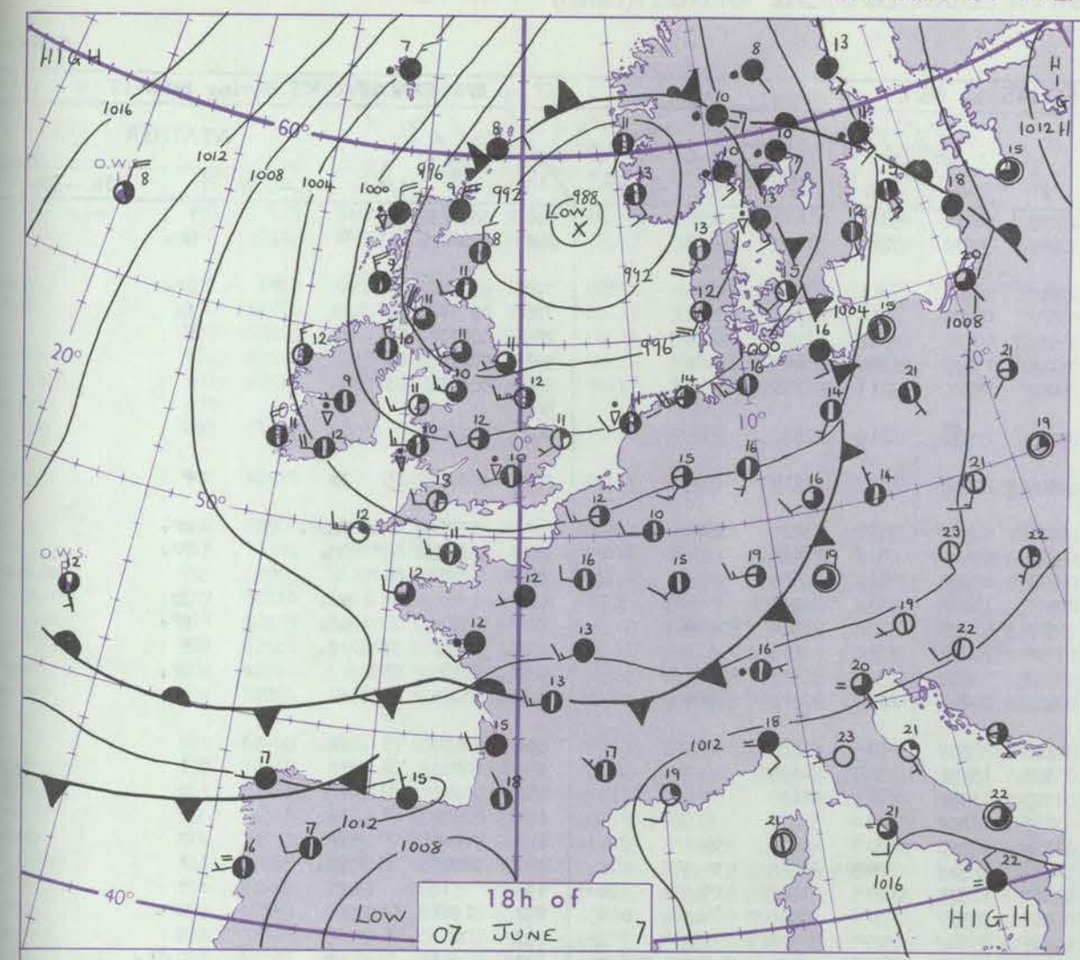
OCEAN WEATHER STATION REPORTS at 18h.

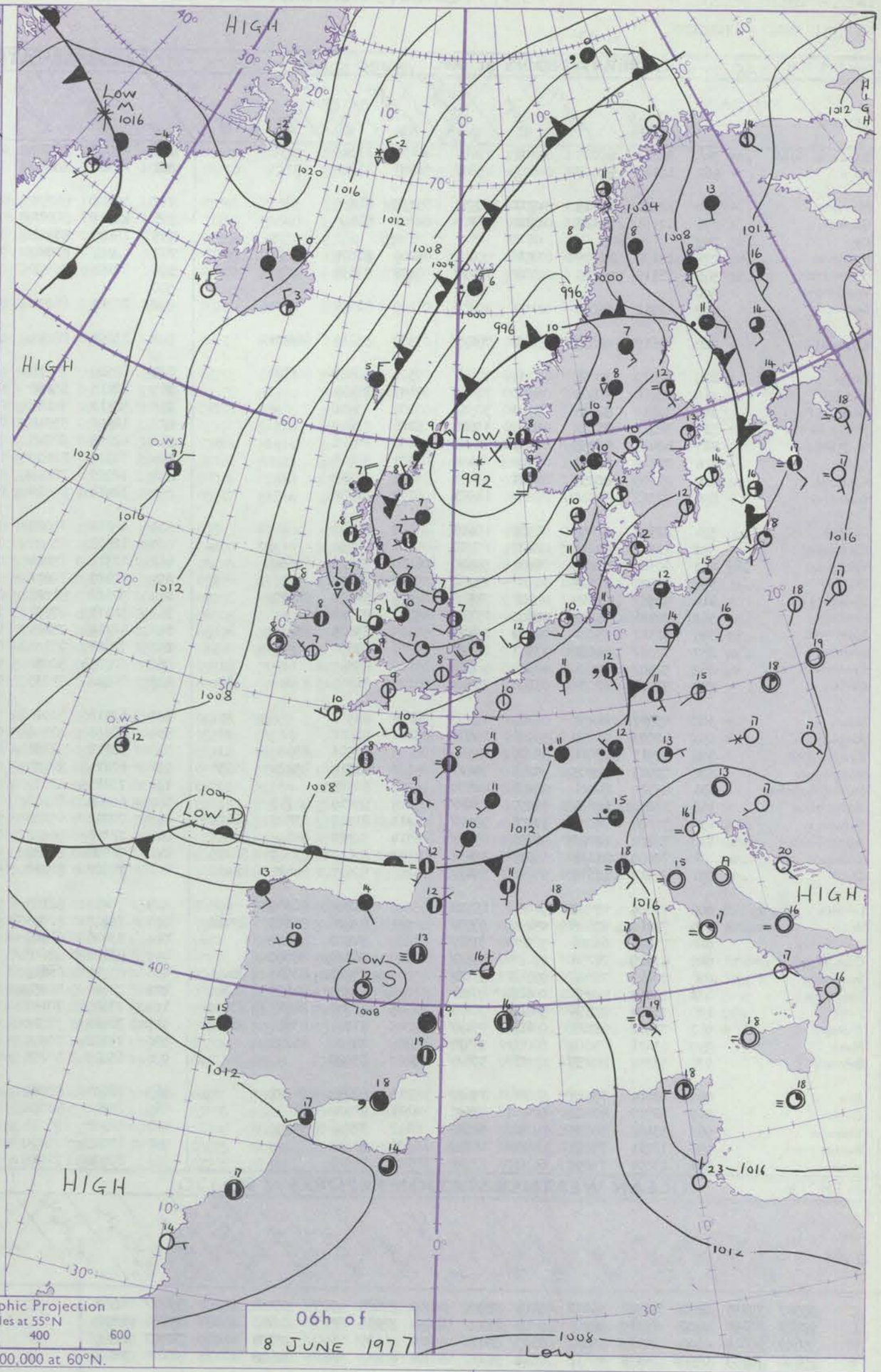
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07181	61102	98012	25009	65500	00400	86625	/////	05204	11031	3////	20803
L	99570	70199	07184	43620	98031	14008	38430	00303	83818	/////	0//02	11086	30705	33806
M	99659	10020	07184	80326	97022	99805	854//	00212	/////	/////	05204	10708	30708	/////
R	99470	70170	07184	71604	98038	10512	78402	00711	81815	87640	0//08	11477	30000	34805

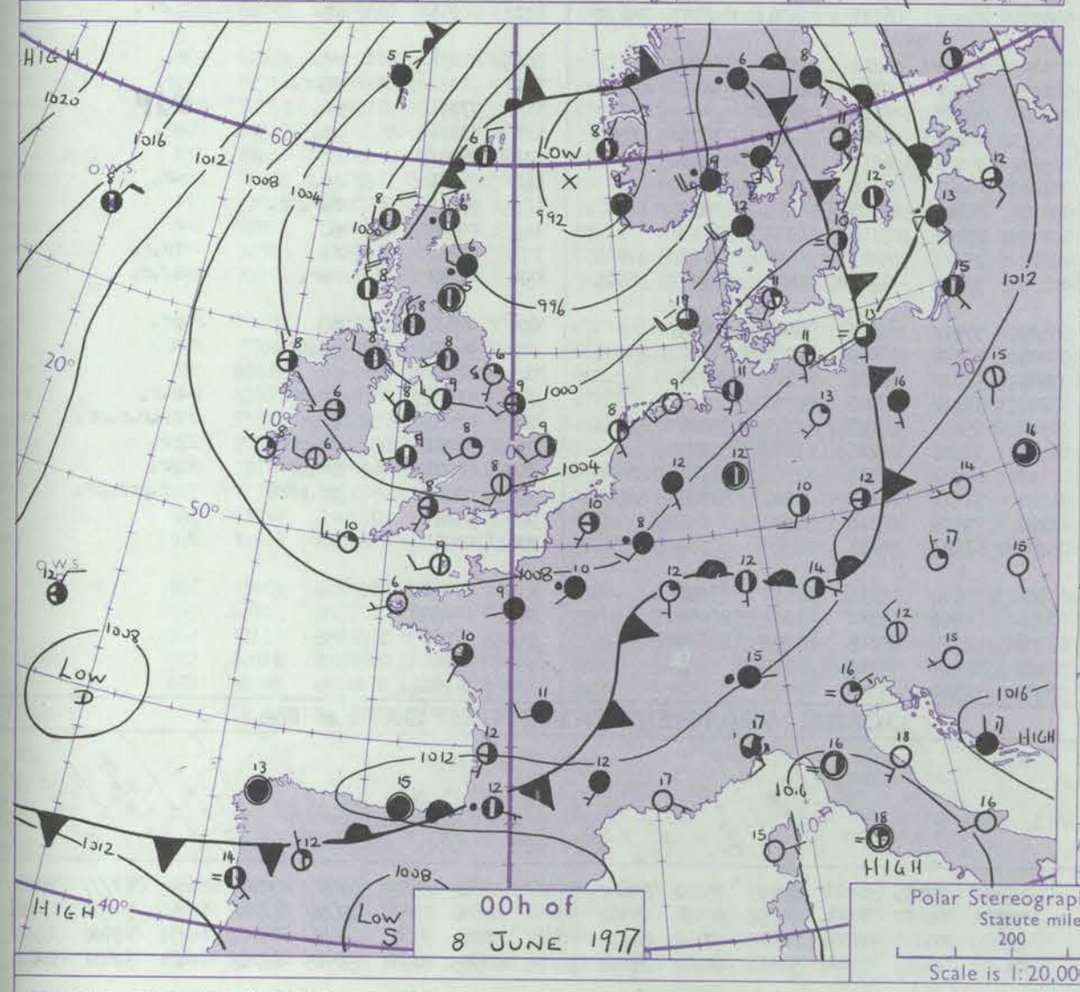
Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday

WEDNESDAY 8 JUNE 1977

During the past 24 hours a depression moving northwards over the northern North Sea filled a little, whilst an anticyclone remained almost stationary in mid-Atlantic. During the next 24 hours the low over the northern North Sea will continue to move away northwards and fill, whilst the anticyclone in mid-Atlantic remains slow-moving. A shallow frontal wave depression is expected to move slowly eastwards towards the Bay of Biscay.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — **OBSERVATIONS at 00h.** 8 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	32210	80028	04306	35601	04108	83645		
Hurn	862	12103	80028	04607	15600	04108	81640		
Manston	797	22211	82018	04507	10931	05208	81359		
Gatwick	776	12101	70128	04504	15700	04207	81650		
Kew	775								
Heathrow	772	12108	81018	03708	00901	05209	81075		
Honington	586	72110	75028	02108	757//	05206	87656		
Wattisham	590								
Gorleston	497	42212	66031	02109	40930	08205	84358		
Aberporth	502	72612	86038	02409	784//	07309	83818	86640	
Filton	628	72410	70038	03208	785//	07305	82820	86642	
Rhoose	715	72806	70808	02808	724//	07107	87818		
Hartland Point	703	32810	82028	03910	32500	07206	83820		
Mount Batten	827	32711	83030	05010	35600	08206	83630		
St. Mawgan	817	42408	80258	04909	42400	06106	84816		
Scilly	804	22814	83028	06910	22400	07207	82818		
Culdrose	809	42705	80258	06209	43400	07205	82918		
Guernsey	894	12512	82021	07309	11502	06207	81820		
Elmdon	534	22308	81018	01508	15603	05209	81640		
Cardington	559	22312	68011	02607	25700	05111	82650		
Wittering	462	52312	68011	01408	58500	06110	81825	85650	
Watnall	354	12507	70028	00507	15700	05209	81650		
Shawbury	414	42507	81018	00806	28502	04209	81822	84072	
Finningley	360	21806	75138	99505	18502	05206	81820		
Spurn Point	396	52312	75021	99609	35530	05205	83625	83360	
Leeming	257	72007	84031	97907	757//	04206	87650		
Tynemouth	262	52507	80021	96508	50930	03106	85360		
Carlisle	222	72403	82038	96308	784//	06109	81714	87642	
Valley	302	43007	81258	00708	49400	06208	84913		
Ringway	334	12008	82019	99906	18500	05207	81820		
Squires Gate	318	42913	83011	98809	48500	06205	82825	83650	
Ronaldsway	204	72913	80808	99208	784//	05107	81715	85824	86636
Mull of Galloway	131	43320	84011	98408	42500	06207	84828		
Eskdalemuir	162	83004	65628	96307	874//	05208	85710	88713	
Prestwick	135	73308	75036	97108	784//	06213	81715	83822	86640
Abbotsinch	140	72602	82028	96707	6853/	06314	82822	84628	85645
Leuchars	171	70000	80118	96305	35632	04213	83640	83360	86075
Dyce	091	82910	80618	95406	5547/	04207	82618	84622	88460
Lerwick	005	73609	82022	94006	18472	05000	81815	86360	
Wick	075	73210	75608	95206	5557/	04001	82620	84645	87460
Sule Skerry	010	73626	66026	96908	785//	07208	84820	87625	
Cape Wrath	049	83615	74256	97007	885//	06202	86820	88625	
Stornoway	026	70118	70028	99308	5842/	05213	83816	83625	86460
Benbecula	022	73615	80258	00008	5843/	05211	83815	84630	86360
Tiree	100	73524	80258	98808	784//	06305	82712	84818	87630
Aldergrove	917	72911	80028	00108	754//	05205	81714	83617	86622
Malin	980	73421	83018	00009	585/8	05205	84820	86275	
Belmullet	976	53207	80258	03908	595//	05207	85920		
Birr	965	52604	75018	04006	25602	05215	82632	84070	
Dublin	969	52707	80032	02007	48502	04111	82822	83640	
Shannon	962	53102	80038	04708	58500	06112	82826	84650	
Roches Point	952	12811	75018	04608	18400	06306	81818		
Valentia	953	23004	75258	06108	23500	07205	82922		

OBSERVATIONS at 06h. 8 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	12007	86020	06207	18501	05312	81820		
Hurn	862	12107	80020	06610	18530	07212	81820		
Manston	797	32212	86250	07110	34461	08213	81815	83650	
Gatwick	776	22205	81020	06807	18403	06314	81815		
Kew	775	12109	83020	06309	19500	05312	81925		
Heathrow	772	12207	81020	06108	15633	06314	81645		
Honington	586	12108	70021	05007	15700	05217	81656		
Wattisham	590								
Gorleston	497	22218	66020	05009	2095	06219	82358		
Aberporth	502	23008	86011	04909	28400	05317	81818		
Filton	628	62509	75018	05309	68500	07313	83820	85640	
Rhoose	715	62410	65158	04809	694//	07312	85918		
Hartland Point	703	52812	74158	05611	42440	07311	84815		
Mount Batten	827	12602	83018	06909	13430	07314	81918		
St. Mawgan	817	42709	82018	06511	43400	07312	81914	83819	
Scilly	804	32807	82020	07710	22401	06305	82818		
Culdrose	809	32905	75028	07608	33400	06307	81915	83818	
Guernsey	894	32511	84030	08610	29461	06213	82818	81920	
Elmdon	534	22210	75020	04207	28542	05315	81825		
Cardington	559	12310	75020	05308	15700	07318	81656		
Wittering	462	12311	75021	04107	15701	06215	81650		
Watnall	354	12407	70010	03107	18302	06214	81808		
Shawbury	414	52308	81028	03308	49403	06317	81915	83645	
Finningley	360	32211	77021	01908	18543	06215	81828	83075	
Spurn Point	396	42112	75021	02307	11571	04215	81825	83360	
Leeming	257	72612	75808	00108	785//	05316	83820	86645	
Tynemouth	262	72705	80032	99107	2357/	05220	82925	87358	
Carlisle	222	70000	75038	99507	784/2	06221	81818	84635	85650
Valley	302	62815	82011	03309	32472	06214	83813	83070	
Ringway	334	73003	57808	02807	794/3	05320	82912	83815	86635
Squires Gate	318	62817	82158	01510	685//	06318	85820		
Ronaldsway	204	62611	82028	01508	38432	06213	81713	83650	85075
Mull of Galloway	131	73215	83606	00507	2857/	06213	81820	87460	
Eskdalemuir	162	60000	80026	00103	15672	02316	81640	85460	
Prestwick	135	70702	65028	99808	28442	05317	81818	87080	
Abbotsinch	140	72103	86022	99307	28448	05318	81818	87270	
Leuchars	171	72306	82022	98507	784//	05213	81815	83633	87650
Dyce	091	72607	82216	97107	7853/	04210	81825	83635	86645
Lerwick	005	70414	82028	95609	5847/	07312	82818	85650	
Wick	075	73407	82026	96408	28432	07209	81818	83362	87070
Sule Skerry	010	83416	66808	97608	3257/	07207	83820	88458	
Cape Wrath	049	83615	68616	98207	873//	07207	88708		
Stornoway	026	83519	66618	00507	5542/	07207	82712	85626	88462
Benbecula	022	73416	80258	02208	32432	06211	83817	87070	
Tiree	100	73520	70158	01608	684/2	05316	81710	83816	85628
Aldergrove	917	72912	58818	02007	783//	06213	81706	84708	86824
Malin	980	73312	70808	02209	794/3	05316	86918		
Belmullet	976	63209	82258	05208	635//	06211	86920		
Birr	965	72607	80022	05508	25602	05214	82632	85070	
Dublin	969	32510	82021	03806	11502	05312	81820	83070	
Shannon	962	52803	86031	06006	18502	05308	81825	84075	
Roches Point	952	13007	75010	06407	18402	05311	81818		
Valentia	953	20000	82018	06908	19502	07307	81925		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00041	52	+	+
Hurn	862	91061	03	+	pr.
Manston	797	97051	01	+	pr.
Gatwick	776	00031	52	jp	jp
Kew	775	00070	51	+	+
Heathrow	772	00070	04	+	+
Honington	586	00050	03	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00071	05	jp	+
Filton	628	01071	04	prpr.	pr.
Rhoose	715	93071	05	pr.	pr.
Hartland Point	703	01091	05		
Mount Batten	827	91061	01	pr.	jp
St. Mawgan	817	97080	06	pr.	pr.
Scilly	804	92091	07	pr.	+
Culdrose	809	97061	03	+	pr.
Guernsey	894	97091	05	+	pr.
Elmdon	534	97050	03	pr.	+
Cardington	559	00050	01	+	+
Wittering	462	00041	02	+	+
Watnall	354	00051	01	+	+
Shawbury	414	97041	00	pr.	+
Finningley	360	92041	02	pr.	+
Spurn Point	396			+	+
Leeming	257	91061	03	+	pr.
Tynemouth	262	00070	04	+	+
Carlisle	222	91061	03	pr.	r.ir.
Valley	302	01081	06	pr.	+
Ringway	334	01051	05	prpr.	pr.
Squires Gate	318	97091	08	pr.	jp
Ronaldsway	204	93071	05	pr.	pr.
Mull of Galloway	131	96061			
Eskdalemuir	162	01011	51	pr.r	pr.
Prestwick	135	96061	04	r.r.pr.	+
Abbotsinch	140	00051	03	+	+
Leuchars	171	93041	01	r.	ir.r.
Dyce	091	94051	03	r.r.	ir.r.
Lerwick	005	97060	05	+	pr.
Wick	075	96051	03	pr.ir.	+
Sule Skerry	010	02062	07		
Cape Wrath	049	03062	06	pr.pr	r.r.
Stornoway	026	02071	05	pr.	pr.r.r.pr.
Benbecula	022	02061	05	pr.pr	pr.
Tiree	100	01071	06	pr.pr	pr.
Aldergrove	917	03061	05	pr.pRpr	pr.prr.pr.
Malin	980	95081	07		
Belmullet	976	03081	05		
Birr	965	97051	03		
Dublin	969	01050	03		
Shannon	962	97050	51		
Roches Point	952	97061	04		
Valentia	953	01061	01		

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08001	70702	98022	25208	75500	00202	87624	/////	05404	11022	3////	02/04
L	99570	70199	08004	70319	98251	15708	784//	11204	85818	85635	0//03	11074	30806	32905
M	99659	10019	08004	80325	97802	00305	894//	00809	/////	/////	05304	10759	30707	/////
R	99470	70169	08004	50108	97012	08812	32401	00807	83815	84075	0//08	11433	30000	34804

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08061	80303	98022	25407	855//	00102	88625	/////	05403	10987	3////	02904
L	99571	70197	08064	50208	98038	16307	58400	00306	82816	/////	0//02	11047	30502	36906
M	99659	10017	08064	80224	97818	00206	894//	00704	/////	/////	05204	10731	30706	/////
R	99470	70169	08064	53614	98012	07112	59460	00505	84815	81915	0//08	11421	30401	34804

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42203

Date of Issue THURSDAY 9 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 8 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	32408	84010	08315	38600	06108	83834		
Hurn	862	32112	81018	09315	31501	06212	83828		
Manston	797	51919	84018	10015	42501	08214	84825	83080	
Gatwick	776	42016	84251	09415	38601	07113	83830		
Kew	775	52408	82021	09015	58600	04211	84840		
Heathrow	772	62210	82151	08616	646//	04210	83845	83656	
Honington	586	62015	82031	08315	68600	04217	83838	85650	
Wattisham	590								
Gorleston	497	51917	66031	08515	52500	10216	85825		
Aberporth	502	12910	88021	08511	12502	07115	81820		
Filton	628	22508	84028	08215	29440	06210	81918		
Rhoose	715	12709	82018	08214	19533	05114	81820	81925	
Hartland Point	703	22905	86021	09213	22440	09114	82815		
Mount Batten	827	52310	62151	09513	49403	08113	81915	83818	
St. Mawgan	817	52808	82038	09213	43401	08112	82915	83817	
Scilly	804	32506	82020	10414	11401	07211	81818	83075	
Culdrose	809	42510	75158	09913	22501	07312	82820		
Guernsey	894	72209	84038	10912	12408	07110	81816	86275	
Elmdon	534	62409	84031	07313	64500	03113	83828	84635	
Cardington	559	72610	70151	08315	785//	06214	85825	85645	
Wittering	462	52413	84021	07714	58600	04215	83830		
Watnall	354	52513	82021	06513	52600	03215	85830		
Shawbury	414	72513	84251	06913	785/2	04218	85828		
Finningley	360	62415	81251	06211	635//	07220	82925	83830	85645
Spurn Point	396	62412	75011	06613	4257/	04220	84825	86360	
Leeming	257	62620	80258	04712	685//	05220	84820	86640	
Tynemouth	262	72010	80028	03612	13631	05218	81930	87358	
Carlisle	222	62708	84258	03612	63432	05219	81715	81920	83823
Valley	302	42614	84021	07613	42402	07121	83816		
Ringway	334	52714	82038	06413	53501	04215	81920	83825	
Squires Gate	318	72715	80801	06211	794//	08225	82918	84822	86640
Ronaldsway	204	62813	84018	06011	48442	06225	81816	83822	
Mull of Galloway	131	53216	83018	05412	22501	08226	82825	83075	
Eskdalemuir	162	72908	83258	02812	735//	02118	83922	83825	
Prestwick	135	73011	86032	04211	38538	06222	83822	83270	85075
Abbotsinch	140	62912	88012	02613	38532	05117	83825	86075	
Leuchars	171	72512	86256	01213	58532	05214	84824	84360	87070
Dyce	091	73106	80808	01111	784//	04219	81718	85822	86635
Lerwick	005	70409	80258	99710	784//	07224	83815	84630	86640
Wick	075	70407	83028	00510	52432	06223	85815	86359	87070
Sule Skerry	010	83616	60608	02109	855//	08225	88620		
Cape Wrath	049	83615	66616	02107	5742/	07222	85712	88460	
Stornoway	026	73620	65258	03809	784//	08219	81710	84815	87630
Benbecula	022	73420	75158	05210	7847/	08215	82712	83815	85625
Tiree	100	73216	80808	05209	684/6	07218	83814	85630	87270
Aldergrove	917	72708	74808	06111	685/2	07222	82820	83630	85645
Malin	980	63214	83018	06711	42502	05218	84820	83075	
Belmullet	976	33615	82018	08412	39503	05216	83920		
Birr	965	73408	80808	07611	725//	07210	87820		
Dublin	969	63105	84038	06814	635/2	05214	86824	81924	
Shannon	962	53110	88038	07915	535//	05207	85827	82927	
Roches Point	952	61811	82258	08713	635/1	07311	84820	81920	83645
Valentia	953	52908	84021	09213	53502	08211	85925		

OBSERVATIONS at 18h. 8 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	62208	82018	09913	42602	07303	84832	85075	
Hurn	862	72308	81011	10314	18632	04303	81835	87075	
Manston	797	72009	80022	10814	10978	05201	81362	83274	86078
Gatwick	776	72112	84011	10413	14608	07203	81640	87280	
Kew	775	72906	82258	10513	53632	07308	82930	83650	87072
Heathrow	772	72906	81158	10213	586/2	07307	84835	85075	
Honington	586	71911	75028	09614	39632	07208	81930	83656	87075
Wattisham	590								
Gorleston	497	72010	64031	10115	785//	08210	82825	87630	
Aberporth	502	22911	88010	09611	12501	08207	81820		
Filton	628	72508	84031	09513	786//	07205	81830	87645	
Rhoose	715	62507	83031	09313	13534	07206	81820	81925	86075
Hartland Point	703	72806	86031	10113	32564	08103	83825	86075	
Mount Batten	827	73505	82022	10013	18532	08101	81820	87075	
St. Mawgan	817	63305	86012	10012	39402	07204	81914	86075	
Scilly	804	40000	82011	10814	22502	08101	82823	84075	
Culdrose	809	62405	81021	10412	28404	07301	82818	85070	
Guernsey	894	60802	82012	10612	28432	05502	81816	84360	
Elmdon	534	72011	70808	08614	53663	03307	81930	83840	
Cardington	559	72406	80299	09613	786//	09209	83830	87645	
Wittering	462	52707	83028	08816	48602	06205	82840	85075	
Watnall	354	32907	81158	08116	39503	05208	81720	83840	81940
Shawbury	414	43005	83031	08415	48601	04206	83835		
Finningley	360	32810	81028	08215	28601	06208	81830		
Spurn Point	396	33207	70028	08815	22530	05306	82825		
Leeming	257	22515	86018	07614	18501	04216	81825		
Tynemouth	262	52508	80028	06615	33638	05218	83930	84358	
Carlisle	222	52513	86012	06412	28502	07216	82828	84075	
Valley	302	12411	86010	09612	18631	08108	81832		
Ringway	334	13211	82011	09013	12602	05211	81835		
Squires Gate	318	12812	86028	09012	12561	08212	81825		
Ronaldsway	204	62506	82028	09011	58502	05214	82828	84650	
Mull of Galloway	131	63418	84022	08111	22531	06212	82825	86075	
Eskdalemuir	162	72612	83028	06213	42542	03319	84828	86072	
Prestwick	135	73013	88022	07111	38438	06217	81615	83360	86275
Abbotsinch	140	72613	82028	05911	28576	07218	82825	87075	
Leuchars	171	72510	66802	04611	694/2	06221	81710	82920	85830
Dyce	091	72103	70258	04310	784//	08222	81710	86818	87640
Lerwick	005	70212	75028	03509	48432	06219	82815	86363	
Wick	075	80109	68808	04709	5847/	08221	81712	84645	87359
Sule Skerry	010	83418	66606	06109	855//	08221	88620		
Cape Wrath	049	73614	74806	06507	6833/	07222	82709	84815	86620
Stornoway	026	83614	65038	07908	884//	07121	81711	84816	88630
Benbecula	022	73517	80808	08509	7847/	07215	81712	83816	85630
Tiree	100	73414	80158	07910	5843/	07214	81710	84815	
Aldergrove	917	73507	82038	08511	68432	04212	82818	85830	
Malin	980	53312	86022	09110	42502	05209	84820		
Belmullet	976	53414	82038	10711	49563	04210	84821	82921	
Birr	965	63106	81258	08613	535/2	06203	85920	83070	
Dublin	969	61402	82808	08810	635//	08106	85823	82923	85640
Shannon	962	63212	86038	09313	635//	06307	86828	81928	
Roches Point	952	72911	80158	09611	735/2	08205	84820	81920	86645
Valentia	953	23513	84021	10413	12501	07305	81825		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97171	103	pr.	pr.
Hurn	862	97160	126	pr.	+
Manston	797	91150	128	pr.	+
Gatwick	776	97160	126	pr.	+
Kew	775	92170	095	pr.	pr.
Heathrow	772	01170	084	pR	pr.
Honington	586	95171	108	jp	pr.
Wattisham	590				
Gorleston	497		107		
Aberporth	502	00131	155	+	+
Filton	628	00171	096	+	+
Rhoose	715	00150	118	jp	jp
Hartland Point	703	00140	145		
Mount Batten	827	00140	130	jp	+
St. Mawgan	817	00140	103	jp	+
Scilly	804	00150	133	+	+
Culdrose	809	97140	132	pr.	pr.
Guernsey	894	00131	104	+	+
Elmdon	534	97170	094	pr.	pr.
Cardington	559	97170	098	pr.	pr.tl.
Wittering	462	97170	112	+	pr.
Watnall	354	97160	105	pr.	jp
Shawbury	414	97161	123	pr.	+
Finningley	360	94161	110	pr.prphr	pr.
Spurn Point	396			ir.	ir.
Leeming	257	97151	085	pr.	pr.
Tynemouth	262	92150	081	pr.	pr
Carlisle	222	97151	073	pr.	+
Valley	302	00130	141	+	+
Ringway	334	96141	122	pr. pr	+
Squires Gate	318	97130	110	pr.	+
Ronaldsway	204	91130	093	pr.	+
Mull of Galloway	131	97130			
Eskdalemuir	162	04151	086	pr.prphr	+
Prestwick	135	00131	082	+	+
Abbotsinch	140	97150	087	pr.	pr.
Leuchars	171	91161	049	r.pr.	pr.
Dyce	091	91141	036	pr.	pr.
Lerwick	005	01111	004	pr.r.r.	r.r.pr.
Wick	075	03121	034	pr.pr	pr.pr
Sule Skerry	010	01091			
Cape Wrath	049	02082	004	r.r.ir.	ir.pr.
Stornoway	026	93101	001	pr.	ir.
Benbecula	022	92111	002	pr.	pr.
Tiree	100	94111	041	pr.	pr.
Aldergrove	917	92131	068	pr.	+
Malin	980	9412	091		
Belmullet	976	9413	118		
Birr	965	0414	060		
Dublin	969	0215	082		
Shannon	962	9216	089		
Roches Point	952	0115	085		
Valentia	953	0014	134		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

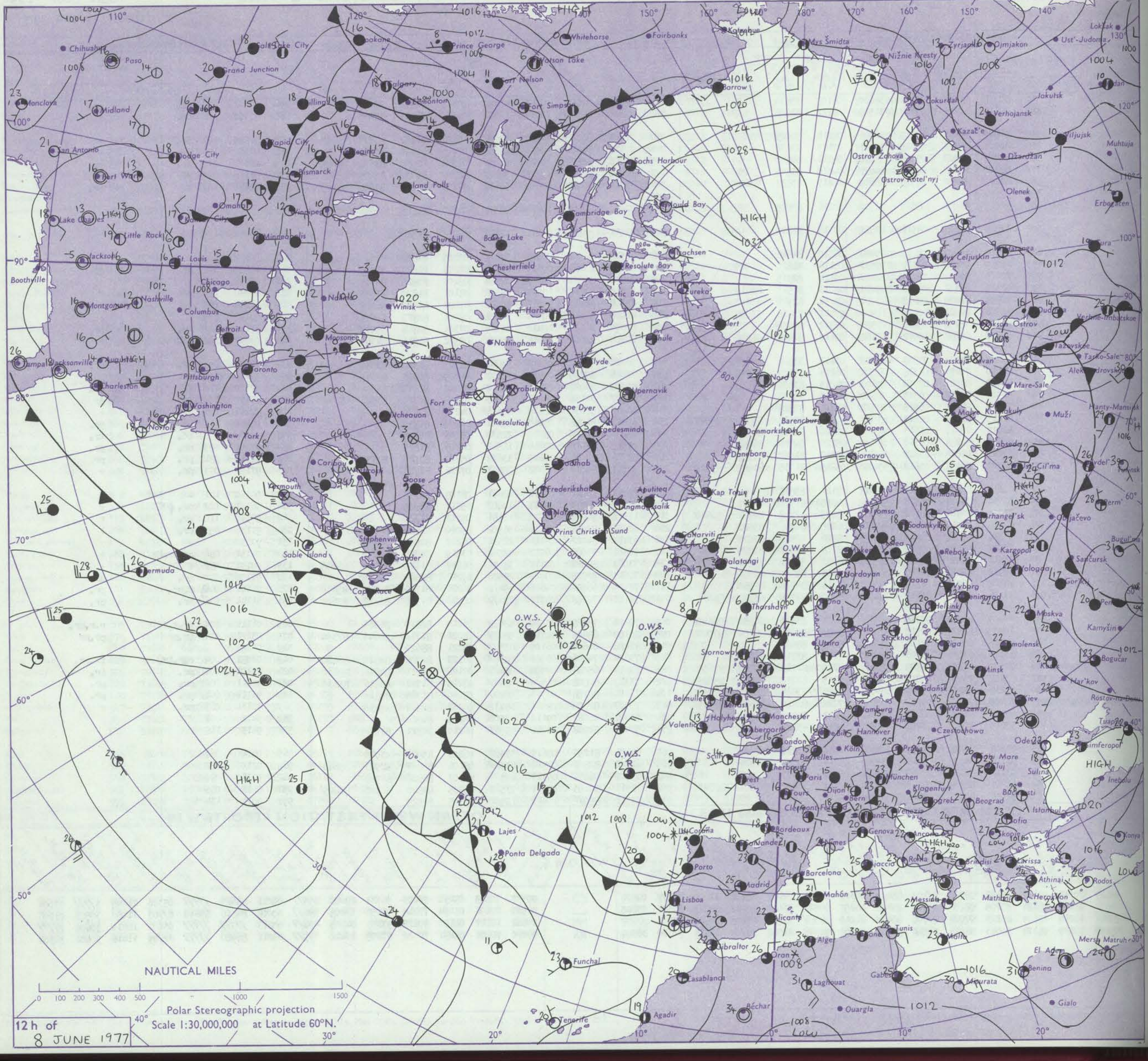
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08121	80102	98022	27107	854//	00304	88618	/////	05406	11009	3////	04004
L	99570	70196	08124	73109	98258	17808	784//	00207	84816	86630	0//02	11075	30301	03805
M	99662	10016	08124	80227	97028	02005	854//	81213	/////	/////	05403	10724	30606	/////
R	99470	70170	08124	50513	98018	08512	49463	00209	84818	81918	0//09	11431	30000	36804

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08181	83203	98022	29008	855//	00211	88625	/////	05306	11048	3////	03004
L	99569	70196	08184	73214	98258	18408	784//	00002	84816	85630	0//03	11080	30503	03906
M	99662	10017	08184	80222	97258	04305	894//	00213	/////	/////	05402	10713	30606	/////
R	99470	70170	08184	70522	97258	10412	795//	00211	86920	/////	0//09	11416	30402	36804

Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 9 JUNE 1977

During the past 24 hours the depression northeast of Scotland moved away northwards whilst another low moved slowly into Biscay. During the next 24 hours the depression in Biscay will move slowly northeast into southern England with associated troughs moving north over England and Wales.

Code FM 11.V **OBSERVATIONS at 00h.** 9 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Boscombe Down	746	00000	80021	11507	00900	05001			
Hurn	862	00000	80021	11705	00900	03205			
Manston	797	62505	82022	12009	15731	07801	81656	83360	85075
Gatwick	776	22501	57281	12104	10931	04104	81365		
Kew	775								
Heathrow	772	00000	80021	11709	00900	07105			
Honington	586	31401	62011	11609	10932	08105	81360	83075	
Wattisham	590								
Gorleston	497	02010	66011	11911	00900	09205			
Aberporth	502	11803	88020	11607	15701	05106	81650		
Filton	628	22104	81021	11208	10931	06203	81360		
Rhoose	715	20000	84011	11008	15601	05203	81645		
Hartland Point	703	10000	86021	11309	10940	07103	81360		
Mount Batten	827	10802	68021	11008	15601	07102	81630		
St. Mawgan	817	10602	86021	11209	18502	06103	81820		
Scilly	804	20000	82020	11609	12501	07004	81823		
Culdrose	809	10404	80011	11607	15500	06101	81620		
Guernsey	894	20607	82011	10610	20931	07705	82360		
Elmdon	534	20000	65028	11505	14702	04206	81650		
Cardington	559	12304	62011	11707	15700	07209	81656		
Wittering	462	52806	70012	11109	15602	06105	81640	85075	
Watnall	354	23303	62059	11008	15731	06007	81656		
Shawbury	414	30102	72011	11207	15601	05107	81635		
Finningley	360	52503	62031	11307	55701	05213	85650		
Spurn Point	396	30000	70020	11810	30971	06213	83360		
Leeming	257	12605	84020	10907	00901	05215	81078		
Tynemouth	262	22710	80021	10209	00901	04214	82075		
Carlisle	222	22102	80021	10207	18501	06115	81822		
Valley	302	21505	81030	10908	10931	07206	81360		
Ringway	334	12102	65020	11909	15700	06212	81650		
Squires Gate	318	11102	65020	11205	00901	05209	81073		
Ronaldsway	204	30302	82011	10805	25702	03106	82650		
Mull of Galloway	131	33410	84011	10907	18545	06208	81825		
Eskdalemuir	162	41302	82031	10703	35402	01313	82618	83072	
Prestwick	135	72505	82022	09909	755//	07211	81625	84630	87643
Abbotsinch	140	72506	68802	09009	785//	07313	82820	83630	86640
Leuchars	171	72503	81038	08609	6855/	07218	81820	85630	87360
Dyce	091	63203	82018	08607	54542	06317	81820	85632	
Lerwick	005	73309	70028	07707	38431	06217	81815	83630	87072
Wick	075	80110	62618	09107	7542/	07219	84712	87623	88458
Sule Skerry	010	83416	66026	10107	855//	06214	88625		
Cape Wrath	049	83613	74616	10307	873//	06213	88708		
Stornoway	026	80110	62816	11107	884//	06213	85814	88622	
Benbecula	022	73509	80028	11107	6843/	06209	81816	86625	
Tiree	100	73614	82038	10408	5843/	07209	83816	85360	
Aldergrove	917	20202	80011	11106	15602	04107	81630		
Malin	980	70112	75258	10809	734//	07302	87918		
Belmullet	976	23405	82011	12306	22500	03206	82820		
Birr	965	73203	75038	11207	785//	06004	83820	86635	
Dublin	969	33202	80018	10908	38500	06209	81820	83640	
Shannon	962	63607	80028	11809	685//	05207	82824	85645	
Roches Point	952	53209	81018	11009	58500	06101	81820	85645	
Valentia	953	13605	84020	12308	11500	05204	81825		

OBSERVATIONS at 06h. 9 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Boscombe Down	746	72902	57111	10504	20932	03505	82362	86072	
Hurn	862	73302	60031	10005	50972	05607	82360	84365	85075
Manston	797	70307	75216	10511	7098/	10706	82359	87362	
Gatwick	776	70000	60034	10407	15776	06608	81650	85359	87275
Kew	775	70000	57051	10509	50832	07704	85357	87070	
Heathrow	772	73501	57051	10409	20978	08506	81358	87270	
Honington	586	71002	57031	11109	20932	07601	82362	87075	
Wattisham	590								
Gorleston	497	10502	66020	11613	10970	09400	81360		
Aberporth	502	10702	89020	10708	18501	06801	81820		
Filton	628	40504	65014	10407	10932	06501	81362	84081	
Rhoose	715	30503	70020	10007	18401	06504	81816	83075	
Hartland Point	703	30508	85020	09911	10934	09506	81360	83075	
Mount Batten	827	50202	86021	09409	15738	06508	81650	85078	
St. Mawgan	817	20805	86020	09808	12542	06506	81820		
Scilly	804	30606	82030	10010	12571	09507	81823		
Culdrose	809	50506	82031	09907	38431	05507	81818	83645	
Guernsey	894	70411	83021	08310	60978	08511	83360	86464	
Elmdon	534	20000	59104	11606	00901	06301	82075		
Cardington	559	70000	56101	10905	10932	05606	81365	87075	
Wittering	462	60107	61031	11307	00902	06302	82170	86075	
Watnall	354	20405	56050	11409	00901	07303	82075		
Shawbury	414	20000	57040	11406	10931	05302	81360		
Finningley	360	23402	50048	11808	00901	06307	82080		
Spurn Point	396	20106	70020	12010	20950	06104	82360		
Leeming	257	13102	84020	12306	00901	04305	81078		
Tynemouth	262	12605	80020	12108	10940	05107	81360		
Carlisle	222	21302	84020	11707	18501	05308	81822		
Valley	302	10805	86010	11108	18400	06303	81815		
Ringway	334	10702	62020	11707	15601	04302	81630		
Squires Gate	318	11005	40104	11606	18501	06303	81820		
Ronaldsway	204	10207	84021	11209	18401	07302	81816		
Mull of Galloway	131	30000	85020	11609	18545	08205	81825		
Eskdalemuir	162	90000	01471	12303	9////	03309	89/01		
Prestwick	135	61302	84011	11208	58432	07309	81612	83816	85630
Abbotsinch	140	62802	82018	10709	68330	07310	81706	83625	85650
Leuchars	171	80403	60638	11209	883//	07314	82706	83816	88650
Dyce	091	73204	80032	11209	753//	07215	82709	84715	86638
Lerwick	005	70211	75808	10408	6832/	07218	81706	84814	85635
Wick	075	70107	75026	11908	12432	06215	81815	83359	87070
Sule Skerry	010	73412	84022	12607	785//	05213	82820	87630	
Cape Wrath	049	70510	82606	12807	754//	05217	84712	87620	
Stornoway	026	70312	65808	13007	5847/	06212	83816	84622	87360
Benbecula	022	43607	82021	12707	28432	06209	81818	83360	
Tiree	100	70211	87022	11809	6943/	07210	81915	86656	
Aldergrove	917	10702	80020	11706	18001	05305	81701		
Malin	980	70000	70258	11409	734//	07305	82717	87919	
Belmullet	976	33505	83038	12106	38500	04301	83820		
Birr	965	73402	75021	11405	756//	05305	87636		
Dublin	969	73302	80031	11208	784//	07305	81715	86635	
Shannon	962	13405	86011	11806	18501	05301	81825		
Roches Point	952	33206	81021	10807	35600	06301	83645		
Valentia	953	20000	84020	11806	12501	05301	81825		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00020	52 +		jf
Hurn	862	00030	50 +		+
Manston	797	02081	03 +		r.r.r
Gatwick	776	92031	53 1f		r.r.
Kew	775	97020	54 +		r.
Heathrow	772	97060	51 +		r.
Honington	586	97041	50 +		+
Wattisham	590				
Gorleston	497				
Aberporth	502	00050	51 +		+
Filton	628	00041	51 +		if
Rhoose	715	00040	51 +		+
Hartland Point	703	00090	05		
Mount Batten	827	00050	00 +		+
St. Mawgan	817	00070	02 +		+
Scilly	804	00080	01 +		+
Culdrose	809	00050	01 +		+
Guernsey	894	91091	06 +		ir.-r.r.
Elmdon	534	00020	53 +		f
Cardington	559	00010	53 +		+
Wittering	462	00060	01 +		+
Watnall	354	02051	01 pr.tl.R		+
Shawbury	414	00031	53 +		+
Finningley	360	97050	00 pr.		+
Spurn Point	396		+		+
Leeming	257	00030	51 +		+
Tynemouth	262	00070	07 +		+
Carlisle	222	00041	52 +		+
Valley	302	00060	03 +		+
Ringway	334	00050	02 +		+
Squires Gate	318	00020	50 +		1f
Ronaldsway	204	00040	01 +		+
Mull of Galloway	131	00030			
Eskdalemuir	162	00011	52 +		fF
Prestwick	135	97071	02 +		pr.
Abbotsinch	140	91070	04 pr.		jp
Leuchars	171	04092	07 1r.pr.		pr.prrrr.r.
Dyce	091	00061	03 +		jp
Lerwick	005	01061	05 pr.		pr.
Wick	075	01061	05 pr.rrr.r.		+
Sule Skerry	010	92060	07		
Cape Wrath	049	01061	05 r.r.		1r
Stornoway	026	05061	06 pr.pr		pr.pr
Benbecula	022	00061	04 +		+
Tiree	100	00071	05 jp		+
Aldergrove	917	00030	52 +		+
Malin	980	96071	05		
Belmullet	976	97030	01		
Birr	965	03041	05		
Dublin	969	94061	01		
Shannon	962	97050	01		
Roches Point	952	97071	03		
Valentia	953	97050	01		

Code FM 21.V **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi_w	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_a$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09001	81001	98022	29508	854//	00101	88619	/////	05205	11009	3////	04804
L	99569	70196	09004	33614	98158	18908	33430	71207	81915	/////	0//03	11042	30705	33603
M	99661	10015	09004	83420	97028	07504	894//	00212	/////	/////	05551	10725	30505	/////
R	99470	70170	09004	30313	97018	14012	32500	00220	83820	/////	0//09	11423	30504	36804

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi_w	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_a$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09061	82603	98022	29408	855//	00400	88621	/////	05305	11015	3////	04205
L	99571	70200	09064	50312	98011	19408	59400	00307	81914	84818	0//02	11053	30703	33806
M	99661	10014	09064	73316	97158	09703	79400	00210	/////	/////	05750	10716	30504	/////
R	99469	70171	09064	33617	97038	14712	39500	00302	83820	81920	0//08	11406	30504	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

No. 42204

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue FRIDAY 10 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 9 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70713	68602	07416	28578	07721	81825	83359	85362
Hurn	862	80708	68602	07314	2857/	08719	81820	85357	88460
Manston	797	80314	50606	08612	7537/	11618	83708	86635	88360
Gatwick	776	80409	64216	08114	2247/	10818	82815	88464	
Kew	775	70312	59808	08713	3857/	09818	82828	87359	
Heathrow	772	70712	62026	08615	1157/	09816	81825	85358	87463
Honington	586	80809	70606	09915	1167/	07811	81830	83359	88464
Wattisham	590								
Gorleston	497	80509	60636	10612	8092/	11711	88460		
Aberporth	502	73610	75031	09013	48502	08614	82822	83630	87075
Filton	628	70712	78031	07617	22682	06722	82835	84363	
Rhoose	715	60712	70031	07416	18432	07719	81818	85075	
Hartland Point	703	70212	80051	07812	2251/	08619	82825	87460	
Mount Batten	827	70907	74021	07113	4647/	05608	84712	87460	
St. Mawgan	817	80110	84031	07512	1857/	08610	81820	88462	
Scilly	804	70513	82031	08313	11578	09708	81821	83360	87275
Culdrose	809	80907	70032	08012	5854/	06504	83820	84640	88460
Guernsey	894	80710	50636	05611	7702/	11714	84701	87702	
Elmdon	534	70812	66021	09117	54602	07717	84832	83075	
Cardington	559	70908	68032	09216	3267/	09719	83830	87363	
Wittering	462	70711	78022	10116	32652	06814	83830	83364	86070
Watnall	354	60711	70011	09716	52631	08815	85830		
Shawbury	414	60909	67031	09617	52504	07716	85827	86075	
Finningley	360	40508	75011	10616	32601	07811	83832		
Spurn Point	396	50513	66021	12213	30971	07604	83360	85075	
Leeming	257	31003	82030	11516	22501	05711	82825		
Tynemouth	262	20908	80020	13311	23600	08001	82930		
Carlisle	222	33403	83010	11815	28531	06806	82828		
Valley	302	20512	80020	10216	11502	06713	81820		
Ringway	334	70611	81021	10315	726//	05711	87835		
Squires Gate	318	40408	84020	10716	32601	08713	83830		
Ronaldsway	204	30807	81031	11713	12441	08804	81818	83073	
Mull of Galloway	131	21804	85010	12513	22500	09400	82825		
Eskdalemuir	162	41607	84024	11116	42500	05707	84828		
Prestwick	135	32806	84011	12413	33500	07101	81920		
Abbotsinch	140	70807	75028	12214	794//	08302	81918	83821	85645
Leuchars	171	70810	80016	13411	783//	08206	82808	87640	
Dyce	091	60309	82018	13612	58432	07108	84818		
Lerwick	005	70310	65618	14009	783//	07215	84708	83818	87635
Wick	075	60305	89022	14611	5853/	05210	84820		
Sule Skerry	010	50000	84022	15010	42501	07208	84820		
Cape Wrath	049	33209	84016	15009	38500	07104	82820	83625	
Stornoway	026	60513	84038	15309	52440	04107	85818		
Benbecula	022	60516	80151	14613	48432	09207	83816		
Tiree	100	33613	88031	13411	13402	08206	81816	81920	
Aldergrove	917	53005	86021	11812	58500	06602	85823		
Malin	980	50211	86012	12612	58402	08101	84818		
Belmullet	976	60412	81158	12412	695//	06201	85920		
Birr	965	70503	66808	10813	735//	06507	86921	85636	
Dublin	969	60511	83038	10913	625//	07805	86820		
Shannon	962	60208	86258	10614	635//	05707	83825	81925	83640
Roches Point	952	63606	60808	09812	635/2	07707	85822	82922	83645
Valentia	953	53509	84021	10812	58500	05709	83828	83640	

OBSERVATIONS at 18h. 9 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80613	30636	05211	852//	10714	83705	85709	88622
Hurn	862	80605	11636	04112	5722/	12718	81704	85705	88512
Manston	797	80412	50056	05811	862//	11611	88704		
Gatwick	776	80812	30626	05612	7742/	11714	83710	87712	88550
Kew	775	80709	60608	06013	6742/	09612	86715	88458	
Heathrow	772	80610	50608	05912	854//	10713	82713	88616	
Honington	586	80310	57616	06311	873//	10820	88709		
Wattisham	590								
Gorleston	497	80422	60216	05811	8092/	10716	88460		
Aberporth	502	80713	62612	06912	3562/	09610	83630	88458	
Filton	628	80409	58636	06211	7552/	10614	84620	87645	88459
Rhoose	715	80605	60606	05811	1847/	10609	81814	83357	88459
Hartland Point	703	80706	72606	05611	3562/	10616	83635	88460	
Mount Batten	827	80611	82616	03712	4847/	09623	81710	84640	
St. Mawgan	817	83508	56636	05109	3552/	09711	83626	88460	
Scilly	804	80203	56636	06610	884//	10605	85812	88620	
Culdrose	809	80213	50616	04709	5842/	08518	81818	85635	88459
Guernsey	894	21509	75016	04312	19683	11603	81930		
Elmdon	534	80609	61632	07811	2562/	09302	82640	88556	
Cardington	559	80711	58606	07113	4857/	10609	82825	84650	88460
Wittering	462	80614	62616	08011	5842/	09605	81815	85650	88458
Watnall	354	80814	70602	08013	5557/	06503	82628	84640	88460
Shawbury	414	80506	58802	07512	7842/	08606	83818	87645	88459
Finningley	360	70610	68031	09014	22576	08503	82826	86462	87275
Spurn Point	396	80513	62032	09812	6561/	09811	86630	88460	
Leeming	257	60312	80028	10115	18606	05708	81835	86275	
Tynemouth	262	30608	80020	12311	00902	08809	83075		
Carlisle	222	60912	81021	10415	38542	07605	81825	85075	
Valley	302	80314	70031	08714	40937	07709	84362	88270	
Ringway	334	80915	70032	08115	1867/	06607	81840	84358	88460
Squires Gate	318	70810	78018	08516	33536	08614	81927	83650	85360
Ronaldsway	204	73610	82021	10113	12586	06611	81828	87272	
Mull of Galloway	131	70112	86031	10713	12501	08610	81825	87075	
Eskdalemuir	162	60513	75811	11411	635//	08500	82925	84650	
Prestwick	135	63610	65151	11215	43442	07807	81715	83922	
Abbotsinch	140	70708	70808	12211	7356/	08301	81920	83826	86642
Leuchars	171	50516	81012	13910	58300	07104	85809		
Dyce	091	10609	86021	14911	18402	04208	81818		
Lerwick	005	60409	80806	15908	684//	06206	83812	85630	
Wick	075	20412	83151	16309	18531	05212	81820		
Sule Skerry	010	50222	74018	17108	55500	06206	85625		
Cape Wrath	049	53612	82031	16709	58500	06211	84820	85625	
Stornoway	026	50518	84031	16109	58500	06306	84822		
Benbecula	022	33518	86021	15310	18532	08201	81824		
Tiree	100	40217	89030	13612	38532	08301	81820	83650	
Aldergrove	917	20407	86011	11014	18601	03803	81830		
Malin	980	10115	89011	12911	18402	08000	81818		
Belmullet	976	60220	83031	12611	635//	06001	83920	85640	
Birr	965	73605	81028	10113	785//	09702	82822	87636	
Dublin	969	50708	83012	10113	12502	07607	81822	85070	
Shannon	962	70206	84808	09913	734//	06303	81718	84823	82923
Roches Point	952	63210	75018	09210	49462	08000	84919	85072	
Valentia	953	10113	84011	10113	12500	06501	81828		

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	08161	022	ir.rr.r.	r.r.rrr.r.
Hurn	862	15162	003	r.r.r	r.r.drR
Manston	797	05131	000	r-rrr.d.rr.	r.rr.
Gatwick	776	95141	002	r.r.d.r.	r.r.r
Kew	775	02151	005	r.r.pr.r.	r.rd.
Heathrow	772	03161	004	r.r.	r.r.pr.dd.d.
Honington	586	01151	025	ir.r.	r.r.
Wattisham	590				
Gorleston	497		026		
Aberporth	502	95141	077	jp	ir.r.r.
Filton	628	17171	069	r.r	rrRrR
Rhoose	715	08171	074	r.rr.	r.rir.rr.rr
Hartland Point	703	02132	058		
Mount Batten	827	05151	049	rr	rr.
St. Mawgan	817	16142	041	r.Rrr	rrR
Scilly	804	08132	028	+	rr
Culdrose	809	06132	028	r.r.	r.r.ir.
Guernsey	894	05131	021	r.r.rr	ir.
Elmdon	534	02171	071	+	r.rrr.r.rr.
Cardington	559	03161	031	+	r.r.rr
Wittering	462	01171	060	r.	r.r.rd.r.r.r.
Watnall	354	97171	087	+	ir.
Shawbury	414	03171	075	+	pr.prpr.-r.
Finningley	360	97180	108	+	r.
Spurn Point	396			+	pr.
Leeming	257	97170	105	pr.	+
Tynemouth	262	00120	149	+	+
Carlisle	222	00180	138	+	+
Valley	302	97171	108	+	ir.
Ringway	334	00170	089	+	+
Squires Gate	318	97170	085	pr.	+
Ronaldsway	204	00150	148	+	+
Mull of Galloway	131	00150			
Eskdalemuir	162	96161	063	+	pr
Prestwick	135	08161	070	pr.	pRpr.
Abbotsinch	140	01151	023	pr.	pr.
Leuchars	171	97121	074	r.	+
Dyce	091	97130	089	pr.	+
Lerwick	005	05092	000	pr.r.	r.r.pr.
Wick	075	00121	124	+	+
Sule Skerry	010	01100			
Cape Wrath	049	00090	119	+	+
Stornoway	026	00111	117	+	+
Benbecula	022	00131	094	jp	+
Tiree	100	00131	137	jp	+
Aldergrove	917	00150	105	jp	jp
Malin	980	0012	125		
Belmullet	976	9713	077		
Birr	965	9714	014		
Dublin	969	9714	103		
Shannon	962	9716	082		
Roches Point	952	0215	050		
Valentia	953	9714	123		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

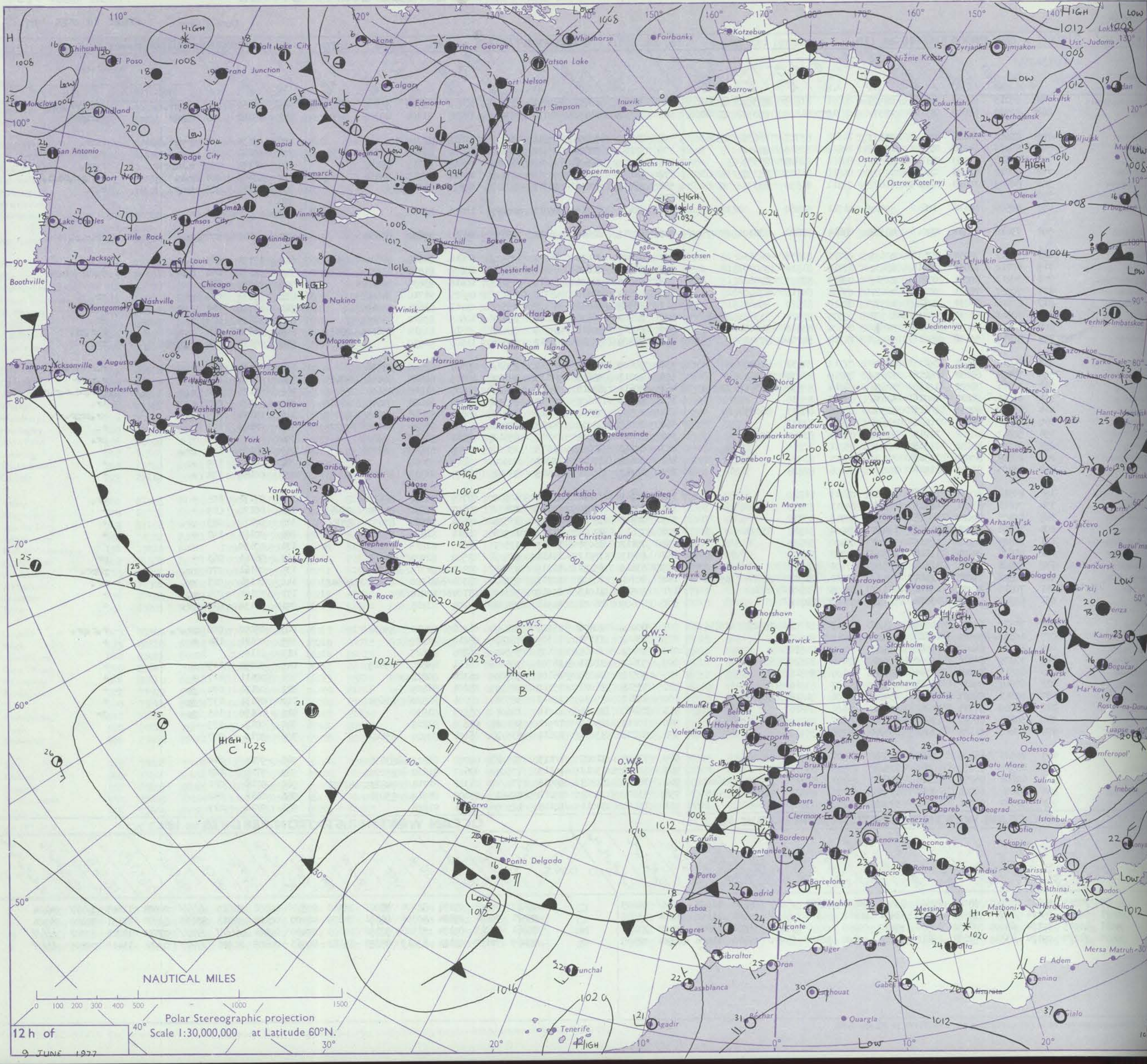
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09121	82103	98022	29809	855//	00805	88624	/////	05106	11005	3////	04205
L	99571	70200	09124	10707	98028	22209	18401	00211	81815	/////	0//01	11090	30201	35705
M	99661	10015	09124	63009	97152	12904	59460	00209	/////	/////	05551	10705	30402	/////
R	99470	70170	09124	43518	97258	15612	49500	00400	82820	81920	0//10	11406	30504	02805

OCEAN WEATHER STATION REPORTS at 18h.

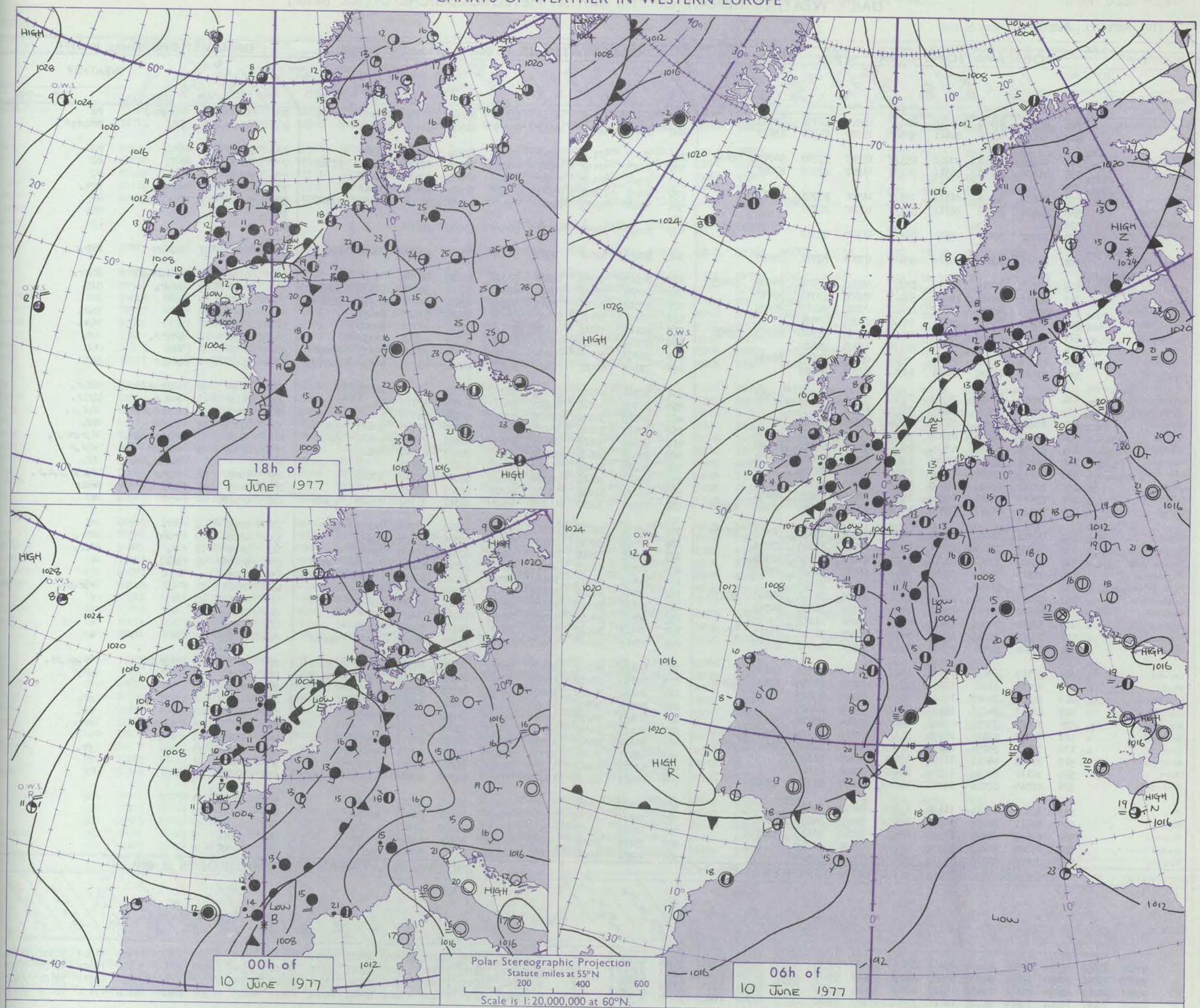
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09181	82104	98022	29410	855//	00802	88625	/////	00008	11055	3////	04104
L	99571	70201	09184	40306	98151	24609	48400	00108	81818	83635	0//00	11151	30100	01906
M	99661	10015	09184	71906	97152	14603	79400	00104	/////	/////	05750	10706	30302	/////
R	99469	70170	09184	63419	98258	15112	49563	00605	81920	/////	0//08	11410	30605	/////

Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 10 JUNE 1977

During the past 24 hours the depression over southern Biscay moved slowly north into the western English Channel and, as the associated fronts moved more quickly northeast, another small low centre developed over the southern North Sea. The large anticyclone in the central North Atlantic remained slow-moving and a ridge of high pressure built northeast from the centre towards southern Norway as the depression in the Norwegian Sea moved away north and filled. During the next 24 hours the low complex over southern England and France is expected to transfer into Denmark but a trough of low pressure will persist over England and Wales. Pressure will continue to build over the Norwegian Sea and a ridge of high pressure will be maintained between Iceland and northwest Scotland.

Code FM 11.V

OBSERVATIONS at 00h. 10 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	61207	56106	05110	682//	09304	82704	84630	
Hurn	862	51105	50106	04611	58500	11202	81820	85627	
Manston	797	81906	33102	07212	853//	12313	83707	86710	88614
Gatwick	776	71805	25106	06311	762//	11207	82705	87707	
Kew	775								
Heathrow	772	71603	38106	06111	753//	11306	85706	87613	
Honington	586	80804	24516	06111	871//	10502	88702		
Wattisham	590								
Gorleston	497	82702	32052	05811	864//	11400	88710		
Aberporth	502	80913	60616	07609	854//	07203	82712	88637	
Filton	628	80102	50216	04910	852//	09505	85704	86709	88625
Rhoose	715	80515	60616	04009	854//	08606	84711	88617	
Hartland Point	703	80508	60616	04810	854//	09802	82715	88625	
Mount Batten	827	70107	70026	03611	756//	09000	87634		
St. Mawgan	817	80210	60216	04410	851//	09705	82702	84705	88626
Scilly	804	80214	60028	06211	855//	10803	88620		
Culdrose	809	80214	60606	03910	3552/	08803	83625	88459	
Guernsey	894	81412	60808	03911	6956/	10703	86920		
Elmdon	534	80310	60616	06909	2732/	08801	81708	88550	
Cardington	559	80702	20636	06610	872//	10304	88703		
Wittering	462	80211	28586	06809	872//	09503	83703	88705	
Watnall	354	80407	20656	07209	3532/	09707	81707	88550	
Shawbury	414	80211	60636	07409	855//	08803	83620	88640	
Finningley	360	80106	50636	07810	855//	09508	85627	88638	
Spurn Point	396	80115	58606	07310	875//	07721	88720		
Leeming	257	83512	65022	09210	864//	08813	88710		
Tynemouth	262	83620	74021	10910	3552/	09811	83625	88458	
Carlisle	222	70507	80022	10509	15678	07806	81635	83362	85466
Valley	302	70308	70026	08312	55678	09806	85630	86460	87270
Ringway	334	70708	70026	08211	1567/	07701	81645	87359	
Squires Gate	318	80208	70032	09010	2577/	07002	82650	88359	
Ronaldsway	204	70417	80212	09611	785//	06500	81828	87650	
Mull of Galloway	131	30718	86011	10811	38500	07004	82825		
Eskdalemuir	162	80113	70028	12208	45407	05803	81718	84640	88270
Prestwick	135	40610	70011	12909	18560	06204	81820	84359	
Abbotsinch	140	50710	70018	13409	45431	05002	81712	83630	
Leuchars	171	70208	70032	14307	35436	05002	81710	83617	87270
Dyce	091	73409	80021	15308	754//	06801	82712	87617	
Lerwick	005	80117	65608	17606	852//	05103	84705	88620	
Wick	075	70216	81021	17807	754//	04207	81715	85620	87630
Sule Skerry	010	50226	74022	19407	55500	04207	85625		
Cape Wrath	049	60517	84032	18607	655//	05209	86625		
Stornoway	026	70621	75022	18408	784//	03214	82818	86635	
Benbecula	022	70322	80801	16708	783//	07210	81709	84816	87640
Tiree	100	70411	86251	14209	784//	08104	82818	84627	87640
Aldergrove	917	23604	86011	11805	15701	04003	81656		
Malin	980	20117	89030	12910	28402	09802	81818		
Belmullet	976	40215	80018	14010	43400	06009	81717	83920	
Birr	965	10803	75011	11108	15600	06107	81636		
Dublin	969	60111	80032	10011	4567/	05400	84635	85462	
Shannon	962	63607	82028	11310	656//	07110	81630	85657	
Roches Point	952	23309	80018	09709	18402	08301	81819		
Valentia	953	70405	82028	11310	725//	07003	87825		

OBSERVATIONS at 06h. 10 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80709	42106	04710	6612/	10002	83702	85703	88465
Hurn	862	80605	59258	03611	882//	11803	81705	88625	
Manston	797	71205	57102	06712	3567/	12704	83640	87360	
Gatwick	776	70905	30102	05611	6557/	11803	82625	86650	87362
Kew	775	80501	30102	05912	4562/	11603	84630	88462	
Heathrow	772	80606	25608	05611	2567/	11504	82635	88362	
Honington	586	72902	35055	06911	753//	10308	82706	84708	87616
Wattisham	590								
Gorleston	497	82403	32052	07112	864//	11208	88710		
Aberporth	502	80418	62616	06909	854//	07803	83710	86630	88656
Filton	628	80610	58022	05311	853//	10305	86706	88620	
Rhoose	715	80511	59056	04110	6537/	09103	84709	86633	88460
Hartland Point	703	80512	70026	03310	5537/	09504	82708	85635	88360
Mount Batten	827	70502	57101	02408	55532	08805	81625	84656	
St. Mawgan	817	80110	57216	03109	871//	09707	83702	88704	
Scilly	804	70214	74026	05510	5247/	09503	85816	85360	
Culdrose	809	80205	59036	03209	5832/	08804	83708	85630	88462
Guernsey	894	72108	62028	02911	6527/	11500	83705	84630	86645
Elmdon	534	80311	60216	07809	873//	07305	81708	88710	
Cardington	559	80308	30216	06810	862//	10203	88705		
Wittering	462	80210	56206	07609	872//	08306	88704		
Watnall	354	80412	50606	08208	6532/	07309	82708	83613	88457
Shawbury	414	83609	50616	08108	854//	08305	83712	85616	88622
Finningley	360	83505	68606	08609	854//	08310	82616	88628	
Spurn Point	396	80219	64026	07910	855//	07214	88625		
Leeming	257	83608	56616	09309	854//	08010	82710	87620	
Tynemouth	262	80123	61638	10309	8052/	09307	88525		
Carlisle	222	70412	70032	11309	6547/	06311	81712	83618	85624
Valley	302	80310	62616	09510	4542/	08210	81710	84635	88556
Ringway	334	80509	58636	08809	855//	07306	85625	88650	
Squires Gate	318	80308	62616	09710	5562/	07310	85640	88458	
Ronaldsway	204	70518	81022	10210	38432	06310	81818	83650	87362
Mull of Galloway	131	40612	82031	11609	12544	06310	81825	84075	
Eskdalemuir	162	80115	80216	12107	874//	03307	82715	88719	
Prestwick	135	50611	80011	13308	48541	03311	82620	83650	
Abbotsinch	140	50507	86031	13508	28532	03208	81820	83072	
Leuchars	171	73513	86032	12709	28432	04702	81815	87075	
Dyce	091	73418	80022	13608	753//	05704	81708	85710	86617
Lerwick	005	80121	80806	16405	883//	04706	84709	83812	88618
Wick	075	70117	83022	16907	784//	04500	81714	84816	87628
Sule Skerry	010	63622	81022	18906	655//	03503	86625		
Cape Wrath	049	70518	80808	18405	735//	04807	87920		
Stornoway	026	60423	84031	19307	684//	01207	81819	86633	
Benbecula	022	30123	84016	18407	22430	05214	82818		
Tiree	100	60516	86012	15910	684//	06218	82818	85630	
Aldergrove	917	60411	70031	12709	684//	06314	82714	86650	
Malin	980	60717	89011	13810	584/2	06210	81818	85638	
Belmullet	976	73613	66158	14410	735//	05205	87820	83920	
Birr	965	80108	62021	11507	864//	06107	87712	87631	
Dublin	969	70310	70036	10610	764//	08311	84712	86720	
Shannon	962	43508	82031	12107	15532	05208	81622	83070	
Roches Point	952	73114	80031	09709	45602	06104	84645	87072	
Valentia	953	70211	82032	11910	785//	07308	85821	84640	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	01091	06	r.r.rr.	r.
Hurn	862	01101	04	pr.	pr.prpR
Manston	797	93091	06	+	r.
Gatwick	776	94101	08	+	r.
Kew	775	97061	02	+	r.
Heathrow	772	01091	05	d.rpr.	prr.
Honington	586	94101	09	r.d.d.df	+
Wattisham	590				
Gorleston	497				
Aberporth	502	08081	07	r.r.rr	rrr.r.
Filton	628	07091	09	Rrr.rd.r.	r.rr.
Rhoose	715	01091	09	rr.r.	ir.
Hartland Point	703	04091	09		
Mount Batten	827	97071	04	+	r.r.
St. Mawgan	817	02091	08	+	r.r.
Scilly	804	96092	10	pr.ir.	ir.
Culdrose	809	91091	08	ir.	id.
Guernsey	894	01111	10	pr.pr	ir.
Elmdon	534	05081	08	r.rr.r.r	rr.r.
Cardington	559	04101	10	rrr.r.	irir.
Wittering	462	08091	09	r.rrd.r.d.	d.d.r.
Watnall	354	07081	08	r.rRR	ir.
Shawbury	414	07081	07	r.r.rrr.r.	r.r.rr.r.
Finningley	360	07091	09	r.r.Rr	r.r.r
Spurn Point	396			prr.r.ir.	ir.
Leeming	257	05091	08	r.r.r	r.r.d.r.d.r.
Tynemouth	262	01091	08	pr.	rrir
Carlisle	222	00070	01	+	+
Valley	302	02091	08	ir.	rr
Ringway	334	07091	07	r.rr	rrr.
Squires Gate	318	91091	08	r.	r.r.
Ronaldsway	204	97090	08	r.	+
Mull of Galloway	131	00080			
Eskdalemuir	162	97061	05	+	r.r.pr.
Prestwick	135	00081	07	+	+
Abbotsinch	140	00040	52	+	+
Leuchars	171	97071	05	+	+
Dyce	091	00070	05	+	+
Lerwick	005	91051	05	r.r.ir.	ir.pr.id.
Wick	075	91061	05	+	pr.
Sule Skerry	010	00040	04		
Cape Wrath	049	97031	03	+	pr.
Stornoway	026	92061	05	+	pr.
Benbecula	022	02061	05	pr.ir.r	rrir.
Tiree	100	97081	07	pr.	+
Aldergrove	917	97050	51	+	pr.
Malin	980	00101	08		
Belmullet	976	97091	08		
Birr	965	97041	51		
Dublin	969	97101	07		
Shannon	962	97070	04		
Roches Point	952	97081	06		
Valentia	953	01091	08		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	10001	81906	98022	29410	856//	00400	88630	/////	00109	11047	3//01	04/04
L	99570	70202	10004	20305	98020	26908	28400	00007	82818	/////	0//02	11138	30301	/////
M	99661	10015	10004	72412	97802	15903	69460	00104	/////	/////	05851	10702	30302	/////
R	99470	70169	10004	33619	98018	16111	32500	81207	83820	/////	0//08	11405	30705	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	10061	81908	98022	26810	856//	00715	88630	/////	00109	11029	30302	04004
L	99571	70198	10064	10105	98010	26609	11500	00500	81820	/////	0//02	11092	30100	36703
M	99661	10015	10064	71910	97258	15304	69460	00504	/////	/////	05550	10713	30302	/////
R	99469	70170	10064	43620	98018	16012	49500	00400	81920	83820	0//08	11401	30705	/////

H.M.S.O. Press, Met.O. Bracknell

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42205

Date of Issue SATURDAY 11 JUNE 1977

OBSERVATIONS at 12h. 10 JUNE 1977

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71012	62806	04513	782//	12203	83705	85812	87622
Hurn	862	71710	57218	04213	753//	12305	82706	86708	87645
Manston	797	80405	57616	07212	873//	11307	88706		
Gatwick	776	81607	57636	06312	3732/	12306	82707	88556	
Kew	775	81207	20636	06113	5732/	12303	85706	88540	
Heathrow	772	81109	25636	05913	3732/	12302	83706	88545	
Honington	586	80909	32636	06513	6722/	11802	81705	84706	88550
Wattisham	590								
Gorleston	497								
Aberporth	502	80513	62026	06610	854//	07805	86615	88640	
Filton	628	80509	40636	04911	873//	10502	84706	88708	
Rhoose	715	80516	30656	03410	873//	09604	83707	88709	
Hartland Point	703	80514	56636	03610	853//	10702	86706	88625	
Mount Batten	827	72107	60806	02712	5242/	11500	81712	85822	87459
St. Mawgan	817	80509	61929	03411	893//	09305	81706	81908	85625
Scilly	804	83620	56636	04210	854//	10710	88618		
Culdrose	809	80605	59025	02812	5342/	10501	82710	82916	83818
Guernsey	894	72217	72036	05213	38432	09213	81813	83650	85362
Elmdon	534	80413	59602	07310	873//	08605	88708		
Cardington	559	80810	56636	06512	6532/	12802	84706	86640	88459
Wittering	462	80516	57636	07610	872//	09500	83705	86706	88707
Watnall	354	80415	59056	08010	6547/	07607	82710	84630	88360
Shawbury	414	80308	59606	07910	854//	08805	85616	88630	
Finningley	360	80312	68016	08811	854//	09804	82710	86635	88656
Spurn Point	396	80218	68022	09110	856//	07802	88635		
Leeming	257	80119	40586	10909	852//	08003	82705	87709	88612
Tynemouth	262	80130	61026	11509	855//	07000	88620		
Carlisle	222	80515	80026	12511	7847/	05004	81715	87626	
Valley	302	80515	60586	09610	1542/	08602	81615	88556	
Ringway	334	80516	72036	08711	854//	07806	81715	85624	88650
Squires Gate	318	80411	70606	09911	854//	07802	82712	84616	85625
Ronaldsway	204	70422	82022	11412	42538	05002	81825	84830	87272
Mull of Galloway	131	80720	84031	12711	7851/	06001	84825	85630	
Eskdalemuir	162	80119	81808	13109	885//	02305	86822	88640	
Prestwick	135	70512	86021	13913	68635	02803	83830	86638	
Abbotsinch	140	70212	88032	13813	48532	02802	82825	84640	86072
Leuchars	171	70216	86032	14411	785/2	03001	82824	86630	
Dyce	091	83421	70586	15208	853//	05211	84709	88611	
Lerwick	005	50221	86148	16609	38432	03107	82814	84075	
Wick	075	70120	82258	17309	785//	03002	83820	84628	87640
Sule Skerry	010	63622	81252	19609	685//	06104	82820	86625	
Cape Wrath	049	63518	82808	18707	635//	06809	82920	85825	
Stornoway	026	70323	62808	20207	794//	05400	83914	85818	
Benbecula	022	50317	84258	19408	58400	06603	83819	83632	
Tiree	100	10122	89021	17410	11541	06304	81825		
Aldergrove	917	60516	86028	13713	28602	03203	82830	86075	
Malin	980	50219	86011	16011	58502	05106	85821		
Belmullet	976	50322	78028	15013	5356/	09304	84820	81920	
Birr	965	70311	80258	11713	725//	07000	87821		
Dublin	969	70323	82016	11610	764//	06104	85718	87628	
Shannon	962	60515	80022	11615	585/2	05806	84820	83070	
Roches Point	952	73416	65022	10113	28428	07000	82818	87272	
Valentia	953	73615	82022	12514	52502	07002	85823	85070	

OBSERVATIONS at 18h. 10 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71811	70258	07012	784//	09218	83816	86650	
Hurn	862	41912	70018	07213	38530	09217	82820	83630	
Manston	797	22012	70016	09114	28400	10213	82815		
Gatwick	776	52213	75028	08414	48549	09214	84825		
Kew	775	32110	70018	08114	32540	09312	83825		
Heathrow	772	52110	75018	07714	48501	10213	84820		
Honington	586	81405	56216	08112	852//	11208	82704	88645	
Wattisham	590								
Gorleston	497	82007	48616	08712	874//	11215	88715		
Aberporth	502	80519	58636	06909	853//	08603	83708	86615	88635
Filton	628	72207	70259	05912	733//	10312	81707	82912	86645
Rhoose	715	80703	56809	04711	883//	10312	81706	83708	85811
Hartland Point	703	80512	66026	03311	853//	11207	83706	88630	
Mount Batten	827	81913	60808	03511	883//	09201	82709	86814	88640
St. Mawgan	817	72406	50216	02310	7217/	10711	82702	84706	85710
Scilly	804	83513	56026	06211	854//	10207	88615		
Culdrose	809	83312	57636	03510	6732/	09702	83707	85710	88458
Guernsey	894	72211	80808	07212	795//	09306	83820	83925	86645
Elmdon	534	80413	57616	07809	852//	09000	81705	86708	88620
Cardington	559	80000	60818	07712	7827/	11307	85805	86650	88459
Wittering	462	80312	50636	08410	871//	09205	86702	88703	
Watnall	354	80414	45616	09009	872//	08302	86705	88707	
Shawbury	414	80313	56636	08609	5542/	08500	81710	85616	88457
Finningley	360	80208	57636	09909	853//	09202	83709	88620	
Spurn Point	396	80215	40606	09709	864//	08206	88710		
Leeming	257	80115	56636	11409	873//	08601	85707	88710	
Tynemouth	262	83630	56636	12309	8052/	08000	88525		
Carlisle	222	80511	75022	13610	884//	06303	81715	85625	88640
Valley	302	80316	62596	10909	5542/	08205	81710	85625	88550
Ringway	334	80411	61636	09909	7842/	08205	83815	85630	88545
Squires Gate	318	80210	60636	11409	854//	08207	81712	85617	88635
Ronaldsway	204	80317	82032	12611	3857/	05104	81822	83650	88460
Mull of Galloway	131	80615	85022	13611	4851/	06206	81825	84630	88460
Eskdalemuir	162	80119	77028	14308	885//	03106	85824	88637	
Prestwick	135	70610	86022	15011	786/8	04213	81830	83638	87650
Abbotsinch	140	70514	86022	15012	785//	03213	82825	84640	87650
Leuchars	171	70118	84022	15609	754//	03208	85616	87635	
Dyce	091	83517	72026	16508	853//	05208	81709	83712	88614
Lerwick	005	20119	82011	17909	11480	02210	81818		
Wick	075	30120	82021	18709	18601	02209	81830		
Sule Skerry	010	13616	82018	20610	12500	06303	81820		
Cape Wrath	049	20516	82018	21008	21500	07209	82825		
Stornoway	026	20317	86028	21409	22500	05207	82820		
Benbecula	022	30320	86018	20709	22502	06308	82826		
Tiree	100	30228	89030	17910	38500	06208	81825	83650	
Aldergrove	917	70207	88022	14312	786//	04005	81835	87645	
Malin	980	60227	84031	16210	28542	05103	81821	86075	
Belmullet	976	40223	80021	17111	485//	04107	83820		
Birr	965	70310	80028	13012	785//	05103	85822	87636	
Dublin	969	80515	80022	12611	3562/	05303	83630	88458	
Shannon	962	70412	80018	13313	48508	04109	83826	83645	87270
Roches Point	952	83615	70808	11711	2847/	06107	82818	88459	
Valentia	953	60116	82258	13312	68500	06206	82823	85635	

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_E$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	03141	028	r.rpr.pr	pr.
Hurn	862	01141	028	d.r.d.r.pr.	pr
Manston	797	06141	037	r.r.rRr.rrr	pr.
Gatwick	776	06151	038	r.rrRpr.	pr.
Kew	775	09151	027	r.rrR	prpr.
Heathrow	772	09151	022	r.rrRrpr.	prpr.
Honington	586	08141	001	r.r.rr	rrdrd.r.
Wattisham	590				
Gorleston	497		026		
Aberporth	502	11102	000	r.r.rr	r.r.RRrr
Filton	628	14131	000	r.rrr.Rr[redacted]	$R_pR_{2p}HR$[redacted]tl.R
Rhoose	715	24111	000	r.Rrr.rtl.rR	Rr.pRprpr.r.
Hartland Point	703	28111	000		
Mount Batten	827	06131	002	r.rpr.pRpr	prpr.
St. Mawgan	817	21131	009	pRtl.rrR	Rrr
Scilly	804	06111	000	ir.rrr.r.	ir.ir
Culdrose	809	03132	000	id.	d.r.
Guernsey	894	93141	033	pr.	pr.pr
Elmdon	534	16102	000	r.r.rr	RRrr.r.R
Cardington	559	13131	000	r.rr	rrr.pr
Wittering	462	09111	000	rr	rrr.d.r.r
Watnall	354	09101	000	d.-r.r	r.rR
Shawbury	414	15101	000	r.r.rr	r.r.rrR
Finningley	360	09111	000	d.r.-r	rrr.r.rr
Spurn Point	396			ir.r.r.	ir.r.r.
Leeming	257	07102	000	d.r.d.	d.r.r.Rrr
Tynemouth	262	03102	000	+	rr
Carlisle	222	91111	000	ir.	r.
Valley	302	05131	000	r.r.d.r.	drir.
Ringway	334	08111	000	r.rr	rrR
Squires Gate	318	07112	000	r.r.ir.	r.rr
Ronaldsway	204	97130	000	+	r.r.
Mull of Galloway	131	00130			
Eskdalemuir	162	97091	000	pr.	pr.d.d.
Prestwick	135	00141	055	+	+
Abbotsinch	140	97140	073	+	pr.
Leuchars	171	00131	043	+	+
Dyce	091	97090	004	r.ir.d.r.	+
Lerwick	005	00101	086	+	+
Wick	075	97111	073	pr.	+
Sule Skerry	010	97100			
Cape Wrath	049	97081	082	pr.	pr.
Stornoway	026	93101	101	pr.	+
Benbecula	022	93111	091	pr.	pr.
Tiree	100	00121	118	+	+
Aldergrove	917	00150	053	+	+
Malin	980	0011	112		
Belmullet	976	9614	085		
Birr	965	9714	015		
Dublin	969	9712	001		
Shannon	962	9716	027		
Roches Point	952	0114	007		
Valentia	953	9716	062		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

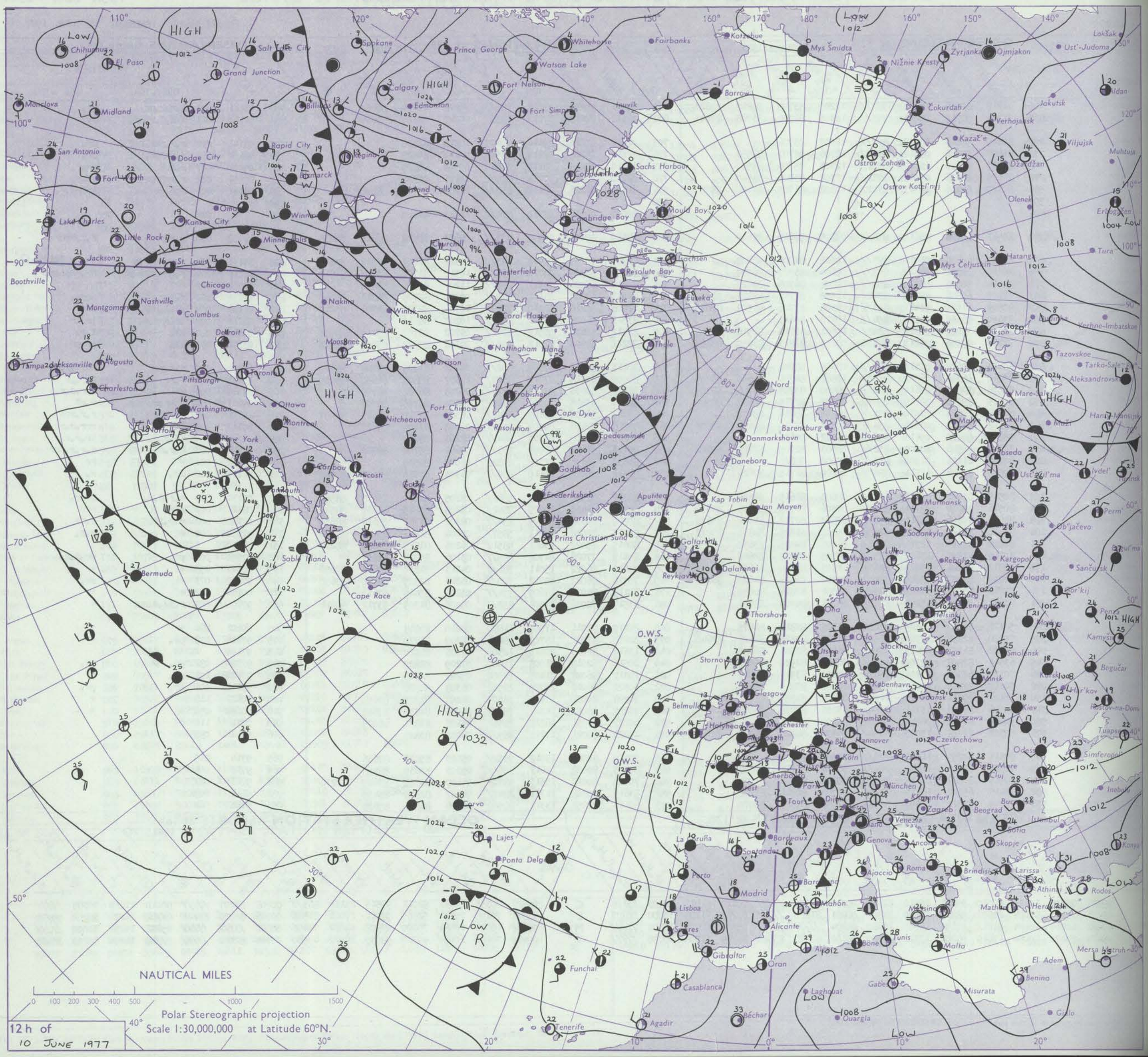
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	10121	82010	95618	25610	8732/	00710	87709	/////	00110	11017	30403	23105
L	99571	70197	10124	22803	98010	27609	24501	00801	81820	/////	0//02	11105	30000	06803
M	99662	10014	10124	51712	97158	14905	29460	00804	/////	/////	05302	10705	30302	/////
R	99470	70170	10124	63619	98251	17312	69500	00102	81820	83920	0//09	11398	30705	/////

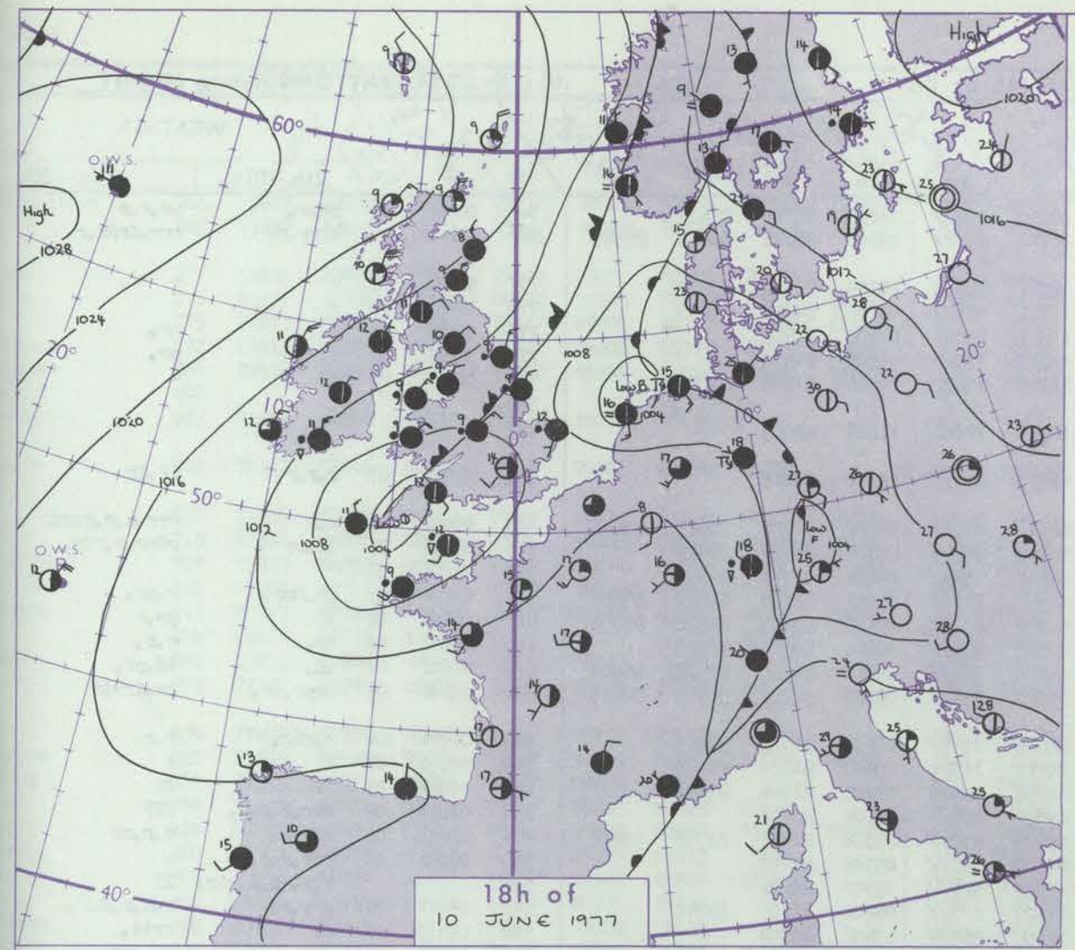
OCEAN WEATHER STATION REPORTS at 18h.

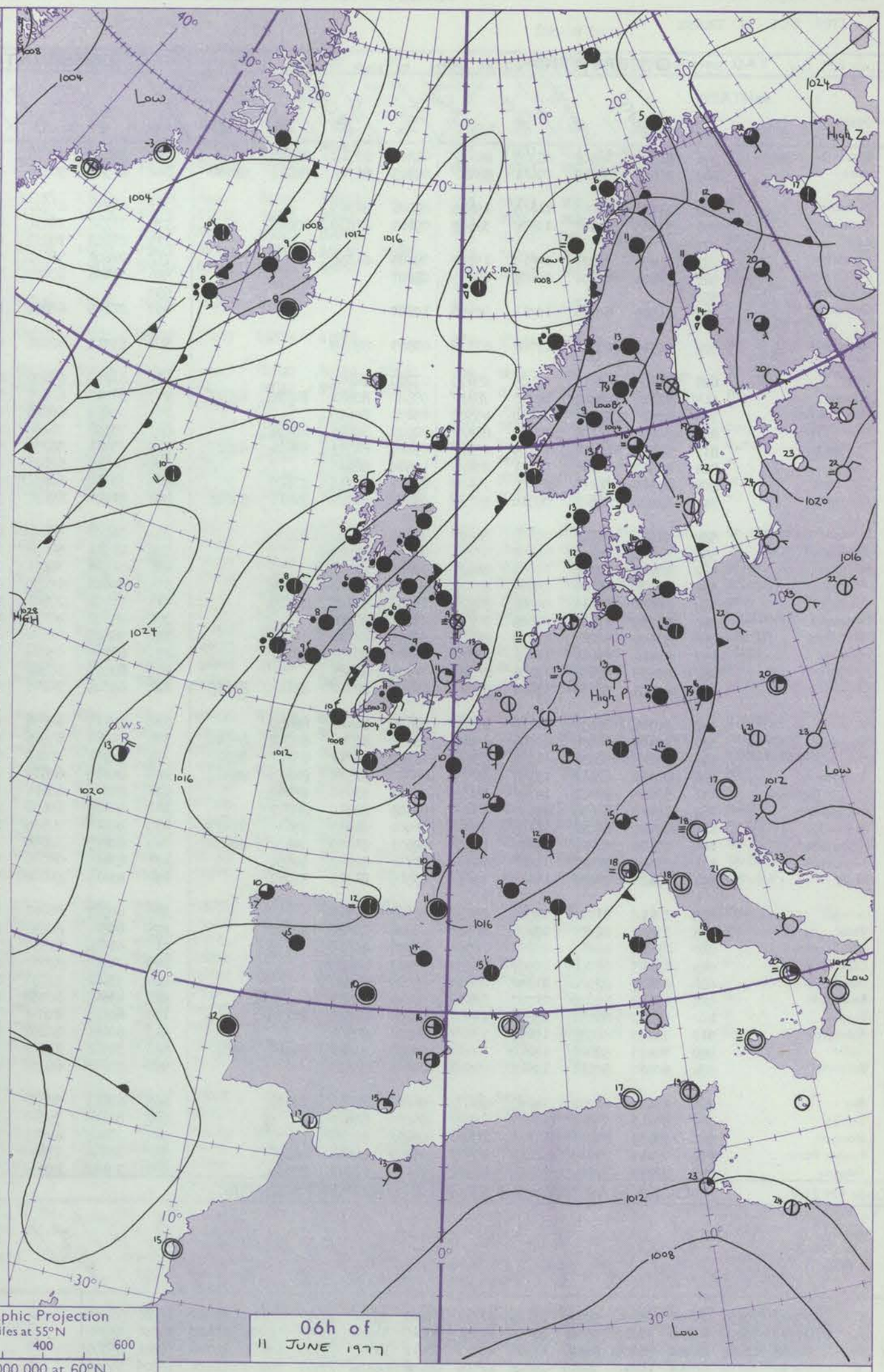
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	10181	82011	93515	23110	863//	00708	88707	/////	00210	11019	30705	/////
L	99571	70198	10184	52805	98011	27411	21506	00706	82820	83272	0//02	11220	30201	99/03
M	99662	10016	10184	70000	97808	14504	79400	00602	/////	/////	05602	10754	30000	/////
R	99469	70170	10184	40220	98038	18012	49500	00304	82920	/////	0//09	11406	30705	33603

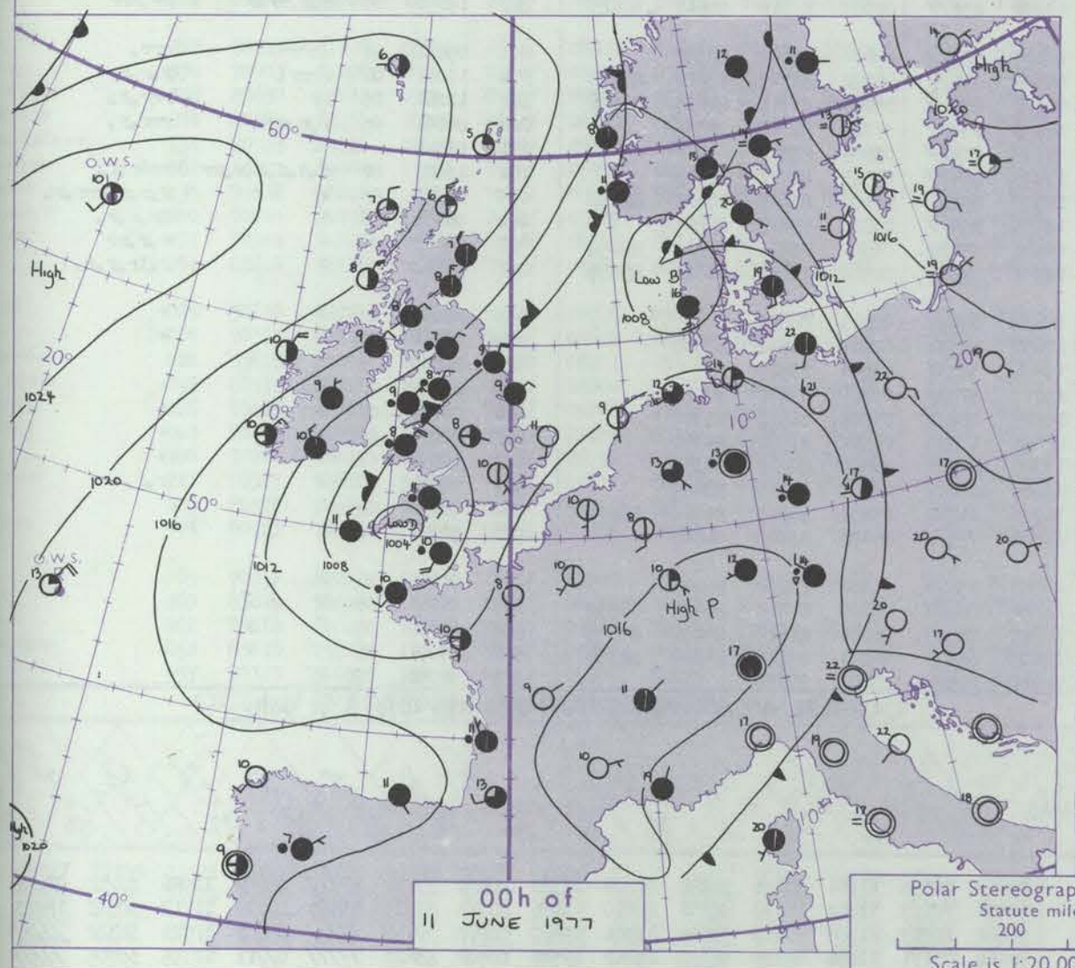
Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **SATURDAY 11 JUNE 1977**

During the past 24 hours a depression over southwest England remained slow-moving whilst associated fronts moved northward over Wales and much of England; northern districts of Britain remained in a north to northeast airstream throughout the period. During the next 24 hours the low over southwest England is expected to fill slowly whilst the associated occlusion decays over northern districts of England and a weak ridge of high pressure builds over Scotland.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — **OBSERVATIONS at 00h.** 11 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81309	62808	08309	884//	08801	83818	88640	
Hurn	862	81608	58219	07611	884//	09805	81712	86822	88650
Manston	797	11506	75010	11609	15600	08106	81640		
Gatwick	776	31605	59101	10309	38600	09105	81830	83645	
Kew	775								
Heathrow	772	11406	59021	09810	15700	09105	81656		
Honington	586	01806	40101	10409	00900	08207			
Wattisham	590								
Gorleston	497	01909	60026	10911	00900	10207			
Aberporth	502	80319	60606	07708	873//	07803	88709		
Filton	628	31208	65018	07509	25630	07000	82640		
Rhoose	715	71110	68018	06010	784//	08801	83812	84630	87643
Hartland Point	703	40615	78012	04910	45500	09203	84625		
Mount Batten	827	80903	56108	03610	884//	10000	82816	88634	
St. Mawgan	817	73505	60021	04109	753//	09210	82708	83616	87625
Scilly	804	83517	60216	06111	854//	10500	88615		
Culdrose	809	33510	58106	03708	35400	08214	82710	83620	
Guernsey	894	82020	58608	07310	883//	08805	82707	83811	87618
Elmdon	534	51001	40116	09108	56200	08801	83703	83630	
Cardington	559	51608	56108	10207	45731	07206	84650		
Wittering	462	80404	15106	10009	860//	09105	88701		
Watnall	354	80608	40516	09409	871//	08606	86702	88704	
Shawbury	414	80211	56616	09008	872//	07806	82705	88709	
Finningley	360	80105	40616	09809	872//	09807	88704		
Spurn Point	396	80509	58216	10209	864//	08802	88710		
Leeming	257	80116	56616	11108	873//	07809	86707	88711	
Tynemouth	262	83635	58636	12208	8052/	07602	88525		
Carlisle	222	80308	56636	13607	854//	06802	82712	83618	88625
Valley	302	80316	62636	11109	6552/	07805	86622	88459	
Ringway	334	80409	60636	10008	4732/	08809	82706	83712	88540
Squires Gate	318	80210	56636	11308	854//	08705	82712	85617	88627
Ronaldsway	204	80319	62612	13108	5857/	05802	82824	84633	88460
Mull of Galloway	131	80625	83032	14508	3561/	05104	83630	88460	
Eskdalemuir	162	80117	60636	14105	874//	03808	83710	88717	
Prestwick	135	70511	84022	16108	55602	01000	81635	85650	87075
Abbotsinch	140	70105	82028	15907	7557/	02803	81620	84632	86650
Leuchars	171	73616	82022	15008	755//	01716	82622	87650	
Dyce	091	73420	75032	15407	1545/	03819	81715	87362	
Lerwick	005	20112	81020	18505	28400	02707	82818		
Wick	075	73613	82021	18806	11502	04806	81820	87070	
Sule Skerry	010	23414	81010	20608	21500	06706	82820		
Cape Wrath	049	43615	82011	20907	42500	07807	84825		
Stornoway	026	23611	82020	21307	28400	05809	82818		
Benbecula	022	13612	82020	21207	12530	05708	81822		
Tiree	100	40223	87031	18808	12506	06708	81825	84275	
Aldergrove	917	70409	86032	15409	757//	05001	87656		
Malin	980	70425	82022	17210	18532	03000	81821	84362	85070
Belmullet	976	40220	80011	17610	48500	05803	83820		
Birr	965	83607	75036	14209	864//	06004	84716	88636	
Dublin	969	80413	75616	13209	855//	05000	88622		
Shannon	962	33609	82011	14808	25532	04103	82625		
Roches Point	952	73414	70018	12610	4567/	05000	84645	86358	
Valentia	953	50415	82018	15310	48502	06105	81823	83635	

OBSERVATIONS at 06h. 11 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81212	65038	07010	854//	08000	84712	88624	
Hurn	862	81515	50596	06711	6542/	09102	83712	86618	88545
Manston	797	41814	81030	12111	26332	10205	82709	83070	
Gatwick	776	71712	70031	10311	784//	09204	84817	86640	
Kew	775	21608	70030	10211	28441	08400	81818		
Heathrow	772	21608	75030	09811	18541	09203	81820		
Honington	586	31406	60030	11210	15672	09306	81635	83075	
Wattisham	590								
Gorleston	497	21815	60030	12213	00901	11209	82075		
Aberporth	502	80512	62026	06909	854//	08500	88615		
Filton	628	81210	59606	06310	6532/	09502	82706	83620	85645
Rhoose	715	81210	60606	04910	853//	09301	86707	88615	
Hartland Point	703	70514	66016	04110	754//	09501	83710	87630	
Mount Batten	827	73306	70256	02810	78372	09301	81708	84820	85656
St. Mawgan	817	73411	58258	04310	6828/	09103	83705	84816	86359
Scilly	804	83515	62026	07810	884//	09214	86815	88620	
Culdrose	809	73311	60051	05310	784//	09212	81710	83630	86645
Guernsey	894	81920	68628	06310	853//	09703	82707	84710	87619
Elmdon	534	81106	56602	08609	3537/	08601	81708	88460	
Cardington	559	41511	58051	09711	11531	09400	81820	84078	
Wittering	462	51503	38281	10108	10934	07202	81364	85075	
Watnall	354	80604	20285	09509	861//	09104	88702		
Shawbury	414	80706	27606	08409	852//	09302	82703	83708	85618
Finningley	360	71602	40106	10209	761//	09308	87702		
Spurn Point	396	91805	02476	10909	9////	09307	89/02		
Leeming	257	83510	65216	11207	873//	06204	82707	88710	
Tynemouth	262	83525	39506	11008	863//	07602	88708		
Carlisle	222	80309	70216	13206	854//	04000	82710	84618	88625
Valley	302	80117	64636	10207	5552/	05604	85620	88550	
Ringway	334	70711	65626	09509	754//	06202	82715	85622	87640
Squires Gate	318	80311	70616	10306	854//	05603	81710	84635	88656
Ronaldsway	204	80119	62636	11805	2742/	04708	82711	88535	
Mull of Galloway	131	80325	60616	13705	8042/	05604	88510		
Eskdalemuir	162	80118	60636	13703	874//	01501	83711	88716	
Prestwick	135	80316	70636	14907	854//	03606	83617	87621	88650
Abbotsinch	140	80208	80606	14908	854//	03803	83618	88645	
Leuchars	171	83615	68636	14407	7542/	03500	85616	87620	88459
Dyce	091	83619	80212	14907	7547/	02500	81615	86622	88359
Lerwick	005	60317	86021	17605	656//	00605	86630		
Wick	075	60220	82032	17607	48531	02804	84822	83360	
Sule Skerry	010	63516	81031	19408	32531	05804	83820		
Cape Wrath	049	70518	82031	19507	5253/	05301	85820	87360	
Stornoway	026	53612	82031	20108	28430	05702	81818	85360	
Benbecula	022	43615	86030	20108	12530	06501	81821	84360	
Tiree	100	60123	80011	17808	21472	06604	82816	84359	
Aldergrove	917	80611	80602	15406	2547/	02500	81715	88459	
Malin	980	70326	83012	16709	11432	05601	81818	84360	86070
Belmullet	976	70216	66808	17608	735//	06203	85920	84640	
Birr	965	83612	80606	14008	3567/	06000	83636	88459	
Dublin	969	80318	59616	13206	6642/	05205	84712	86623	88550
Shannon	962	73607	84011	14709	5553/	06004	81620	84650	85359
Roches Point	952	83316	75606	12609	6647/	06303	85715	84640	88358
Valentia	953	70112	80808	14910	725//	07500	87823		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	08091	06	prpr.	pr.r.r
Hurn	862	10102	09	tlrr.rr	rrr.drRr.r.
Manston	797	97081	04	+	+
Gatwick	776	00081	05	+	+
Kew	775	97081	01	+	pr.
Heathrow	772	97081	06	+	pr.
Honington	586	00081	04	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	02081	07	r.r.r.	ir.ir
Filton	628	03091	05	r.r	rrr.d.r.rprdr
Rhoose	715	09091	09	ir.rr	rRrr.r.rir.
Hartland Point	703	92091	08		
Mount Batten	827	06101	08	pr.Rrr.	r.pr.
St. Mawgan	817	01091	08	+	pr.r
Scilly	804	02101	09	ir.	r.r.
Culdrose	809	01091	07	id.	id.pr.
Guernsey	894	05101	09	prpr.ir.	pr.irRdr
Elmdon	534	01071	04	r.rRr.	r.r
Cardington	559	00051	01	+	+
Wittering	462	00061	03	fF	FF
Watnall	354	01081	08	Rrr.r.d.d.	fFF
Shawbury	414	08081	08	rrr.r.	r.r.rr
Finningley	360	06081	07	rrr.r.d.R	+
Spurn Point	396			r.r.-d.d.-ir.	ff
Leeming	257	05071	07	rrr.r.	r.d.r.d.r.
Tynemouth	262	05072	06	rr	rrid.
Carlisle	222	10051	05	r.r.rrRr	rr.Rrr
Valley	302	09071	06	drrr	rrr.
Ringway	334	10081	06	Rrrr.	r.r.r
Squires Gate	318	11061	05	rr	rrr.r.
Ronaldsway	204	04051	05	r.r.rr	rrr.r.
Mull of Galloway	131	07041			
Eskdalemuir	162	13022	02	d.d.d.r.r.rr	rrRr.r.
Prestwick	135	04061	05	+	r.r.r.rrr.r.
Abbotsinch	140	94061	03	+	ir.r.r.
Leuchars	171	05062	05	+	r.r.rr
Dyce	091	97061	06	+	r.ir.r.r.
Lerwick	005	00030	02	+	+
Wick	075	00061	03	+	+
Sule Skerry	010	00060	05		
Cape Wrath	049	00061	06	+	+
Stornoway	026	00061	04	+	+
Benbecula	022	00071	03	+	+
Tiree	100	00081	07	+	+
Aldergrove	917	92051	04	+	r.r.
Malin	980	00091	08		
Belmullet	976	93081	06		
Birr	965	91071	06		
Dublin	969	04061	05		
Shannon	962	00070	05		
Roches Point	952	97091	06		
Valentia	953	97091	07		

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11001	93106	92454	23109	9////	00303	89/06	/////	05110	21007	3//01	21/06
L	99570	70198	11004	32210	98011	26410	11531	00810	81820	83075	0//04	11120	30201	99/03
M	99662	10018	11004	80205	97808	13004	894//	00712	/////	/////	05603	10746	30201	/////
R	99470	70170	11004	20222	98018	19713	22500	00106	82820	/////	0//10	11401	30705	/////

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 06h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11061	53106	94284	22608	22530	00802	/////	/////	05208	10986	3//01	21/05
L	99571	70197	11064	72118	98031	22010	12476	00723	81815	83459	0//05	11112	30503	18503
M	99662	10017	11064	70314	97808	13904	69460	00210	/////	/////	05603	10724	30302	/////
R	99469	70171	11064	40120	98030	19012	48500	00502	83820	/////	0//11	11395	30705	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42206

Date of Issue SUNDAY 12 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 11 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71617	62216	06711	783//	10804	83708	85812	87645
Hurn	862	71919	62216	07213	754//	10306	82712	86615	87656
Manston	797	51819	83016	12914	22443	09003	82815	83070	
Gatwick	776	81917	58628	10711	4842/	10305	81712	83820	88556
Kew	775	71613	57808	10411	784//	09305	81710	85814	87640
Heathrow	772	81612	62808	10112	884//	09208	83715	85822	88635
Honington	586	71516	81251	11813	59432	09204	81918	83825	85075
Wattisham	590								
Gorleston	497	81518	64606	13513	856//	10209	88630		
Aberporth	502	70112	75016	07110	784//	09301	85814	87630	
Filton	628	71316	62218	05812	7832/	10802	81708	84812	86620
Rhoose	715	80808	65036	05112	7532/	10602	83708	86614	88459
Hartland Point	703	73613	64258	06811	48271	10214	82704	84810	86360
Mount Batten	827	73008	68022	06514	6847/	10222	85815	86645	
St. Mawgan	817	83113	58028	08110	882//	09219	83704	84707	88645
Scilly	804	83417	60156	11611	884//	09221	86818	88625	
Culdrose	809	83213	50808	08910	882//	09222	84704	88625	
Guernsey	894	72117	65216	10111	7827/	10223	82705	86811	
Elmdon	534	71209	64956	08412	794//	08703	83918	87650	
Cardington	559	71516	63038	09714	734//	10603	81915	84825	86635
Wittering	462	71315	81031	09614	6253/	09809	86826		
Watnall	354	71013	68032	08814	785//	09808	81822	86625	
Shawbury	414	81107	58606	07512	6842/	10808	82710	83814	88458
Finningley	360	51112	75178	09915	59400	09806	81915	83635	
Spurn Point	396	70910	60034	12113	5257/	11302	85820	87360	
Leeming	257	60210	65016	11413	61600	08809	86830		
Tynemouth	262	63612	69025	12511	656//	08209	86635		
Carlisle	222	70513	82022	12710	784//	06605	81715	84624	87640
Valley	302	80213	66606	08810	853//	08810	81706	86710	88620
Ringway	334	70913	61026	08914	785//	08807	83822	87650	
Squires Gate	318	80610	65616	09711	854//	09704	81712	86618	86630
Ronaldsway	204	80323	82216	10409	854//	06610	82714	88630	
Mull of Galloway	131	80525	84026	12408	7851/	06709	84825	85630	
Eskdalemuir	162	60221	60606	13308	654//	05501	84710	85642	
Prestwick	135	70618	82026	14109	754//	03809	85617	87623	87645
Abbotsinch	140	70411	84216	14709	7847/	03607	81818	86626	
Leuchars	171	80314	66216	15207	854//	04703	85712	88656	
Dyce	091	83616	57586	16107	854//	05204	82710	83612	86614
Lerwick	005	50619	82021	18209	55500	02308	85622		
Wick	075	70313	82022	18007	5857/	02602	83828	84635	85359
Sule Skerry	010	53615	81031	19109	58500	06801	83820		
Cape Wrath	049	60515	84022	18708	4853/	07804	82820	84625	86360
Stornoway	026	70418	82031	18910	5853/	05706	83824	83635	85360
Benbecula	022	70412	87031	18410	5853/	07613	81820	85630	86360
Tiree	100	70220	75012	16910	4857/	06710	81820	83630	87465
Aldergrove	917	80313	75606	14008	7542/	05711	82713	86617	88458
Malin	980	80519	68618	16308	6647/	05703	86719	88459	
Belmullet	976	60123	76018	17012	485/2	04704	84820	84070	
Birr	965	70312	82216	13610	7647/	04803	85716	84636	87460
Dublin	969	83614	56616	12107	864//	06707	86710	88716	
Shannon	962	73612	84022	13813	48532	03706	82822	83645	85360
Roches Point	952	83616	75808	13110	884//	05301	86818	88640	
Valentia	953	70113	84032	14713	42542	05805	84825	84360	

OBSERVATIONS at 18h. 11 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	61915	70018	09912	5843/	09219	83815	84645	
Hurn	862	42016	70016	10913	32430	09218	83818		
Manston	797	52018	81038	13914	48560	08309	81825	84638	
Gatwick	776	72013	68036	12313	784//	09312	84816	86645	
Kew	775	71712	68028	11613	785//	09310	85825	86645	
Heathrow	772	72015	65158	11214	734//	09311	81918	83822	85645
Honington	586	61717	75159	11914	68530	09102	82828	85650	
Wattisham	590								
Gorleston	497	31617	66026	13614	35600	10301	83635		
Aberporth	502	72807	65012	07911	48402	09207	84814	87072	
Filton	628	72411	80038	08513	785//	09126	82820	84630	86650
Rhoose	715	82513	68038	08412	5847/	09122	83812	85625	88360
Hartland Point	703	83410	60606	09909	864//	08216	88715		
Mount Batten	827	82913	63258	11211	883//	09223	82709	88630	
St. Mawgan	817	82913	62216	11609	883//	07216	83708	84811	88645
Scilly	804	53109	70022	13611	38470	08207	83818	83360	
Culdrose	809	63012	68018	12110	58401	07213	83818	83625	
Guernsey	894	72415	65036	13511	714//	09216	84810	85813	
Elmdon	534	81809	57619	07311	873//	10604	83706	87710	
Cardington	559	61813	62018	10214	48531	10304	81825	83640	
Wittering	462	81613	62608	09812	5547/	10501	85618	85360	88462
Watnall	354	81408	58809	08411	6232/	10503	86809	88460	
Shawbury	414	70804	58808	07011	783//	10501	82707	84816	86645
Finningley	360	71011	67219	08913	794//	11701	81915	83820	86650
Spurn Point	396	51217	68019	11213	35570	11000	83625	85360	
Leeming	257	81603	56929	10709	5936/	08505	82706	85920	88359
Tynemouth	262	70908	69022	12710	4357/	10802	84925	87358	
Carlisle	222	70408	80802	10711	784//	08606	81717	84635	87650
Valley	302	80413	70036	07411	6842/	09506	83710	83815	88460
Ringway	334	70906	62259	07912	784//	10705	82818	86630	87645
Squires Gate	318	70714	70259	08111	785//	09708	83822	86640	
Ronaldsway	204	80514	56646	09309	5542/	09502	83710	84630	88550
Mull of Galloway	131	70619	82028	10011	2557/	08712	82625	87460	
Eskdalemuir	162	80111	75506	12008	874//	06808	88710		
Prestwick	135	70616	81022	12909	754//	04708	84616	87622	
Abbotsinch	140	80709	80212	13409	7547/	05605	81715	87618	
Leuchars	171	80420	64586	14208	6732/	06503	83707	85711	88462
Dyce	091	80308	64216	16107	852//	06500	82705	86707	88612
Lerwick	005	70613	82021	17808	3548/	03000	83616	83358	87362
Wick	075	80611	84022	17409	6557/	04604	86620	88359	
Sule Skerry	010	80712	81032	18508	4557/	05704	83625	88358	
Cape Wrath	049	60912	82022	17707	38593	06708	82820	84360	
Stornoway	026	70517	82022	17309	5853/	06710	82820	84632	85360
Benbecula	022	70318	88032	16110	2853/	07711	81822	87364	
Tiree	100	70314	89016	14510	6853/	06713	82820	85640	
Aldergrove	917	70415	75016	11710	58431	05712	81818	84635	
Malin	980	70216	84016	13610	685/2	04714	83820	85640	
Belmullet	976	83618	80808	15209	834//	02709	82718	85920	86640
Birr	965	80210	58608	11908	6642/	07609	85711	84630	88458
Dublin	969	83412	65216	09807	864//	07711	86716	88620	
Shannon	962	73408	80218	12710	5857/	06804	83820	84635	85458
Roches Point	952	73214	70808	12210	6842/	05706	82715	84818	87458
Valentia	953	70111	80258	13910	725//	06504	87826		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	ss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	05131	011	rr.Rprpr.	+
Hurn	862	03141	030	r.r.rRr.	+
Manston	797	91171	102	r.pr.	+
Gatwick	776	03141	048	pr.prrr.r.	pr.
Kew	775	01151	059	pr.-prr.r.	pr.
Heathrow	772	02151	067	pr.pRr.	+
Honington	586	03161	080	pr.prtl.r	pr.pr
Wattisham	590				
Gorleston	497		126		
Aberporth	502	97111	009	+	d.
Filton	628	04141	010	drd.r.d.r.pr	+
Rhoose	715	01131	009	ir.r.r.rr.pr.	pr.
Hartland Point	703	95111	008		
Mount Batten	827	97141	021	jp	pr.
St. Mawgan	817	92111	000	rd.r.	d.r.
Scilly	804	00121	026	+	+
Culdrose	809	92131	018	pr.	pr.
Guernsey	894	92121	040	ir.	+
Elmdon	534	06141	006	pr.rr.tlr.pr.	pr.prr.rr.
Cardington	559	01161	063	pr	pr.
Wittering	462	02151	063	pr.pr	pr.rr.
Watnall	354	07151	028	pr.tl.r.pr	pr.prr
Shawbury	414	10121	001	rrr.Rprpr.	pr.
Finningley	360	05171	026	pr.tl.r.tlR	tl.Rir.rR
Spurn Point	396			tlr	tlr-pr
Leeming	257	09131	007	tlr	tlRpr.
Tynemouth	262	00111	042	+	+
Carlisle	222	97131	014	+	pr.
Valley	302	02121	000	ir.rr	d.r.ir.
Ringway	334	02161	008	rr.t.lrr.r.	pr.[redacted]r.
Squires Gate	318	03151	001	r.rtlr.tlR	tlRtlr.pr.
Ronaldsway	204	06121	002	r	RR
Mull of Galloway	131	91110			
Eskdalemuir	162	97091	023	ir.	r.id.
Prestwick	135	97101	008	r.r.	+
Abbotsinch	140	91090	000	r.r.	ir.
Leuchars	171	01081	000	rrir.	ir.d.r.
Dyce	091	01071	000	r.r.d.r.d.r.	d.r.d.r.
Lerwick	005	97101	094	+	ir.
Wick	075	00091	021	+	+
Sule Skerry	010	00100			
Cape Wrath	049	00090	039	+	+
Stornoway	026	00101	055	+	+
Benbecula	022	00111	074	+	+
Tiree	100	92121	018	ir.r.	+
Aldergrove	917	95100	004	r.r.	ir.
Malin	980	9410	015		
Belmullet	976	9213	030		
Birr	965	0310	003		
Dublin	969	0808	000		
Shannon	962	9613	016		
Roches Point	952	0211	012		
Valentia	953	9714	044		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

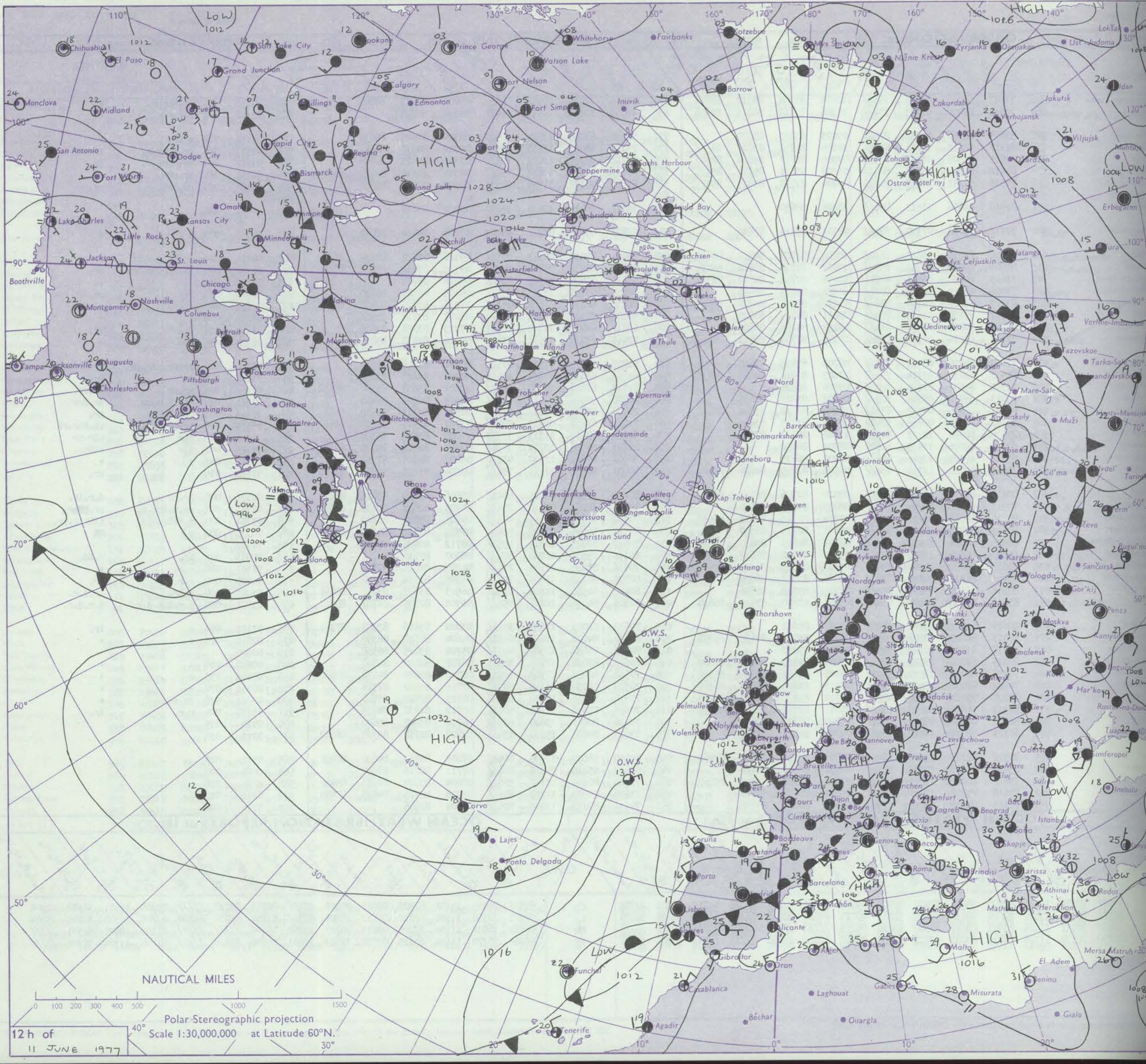
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11121	82906	98021	22410	00907	00708	/////	/////	00009	11013	30201	21905
L	99571	70197	11124	82020	98012	19610	5551/	00715	84620	88458	0//07	11104	30605	18704
M	99662	10017	11124	43407	98021	17508	42400	00215	/////	/////	00103	10773	30302	/////
R	99470	70170	11124	60416	98031	20012	69500	00207	82920	82820	0//10	11396	30705	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11181	82909	98022	20210	874//	00713	88710	/////	00008	11011	30302	22904
L	99571	70196	11184	82022	96612	16709	6732/	51714	85708	88560	0//08	11108	30705	23804
M	99662	10018	11184	22705	98011	20707	15460	00108	/////	/////	05103	10828	30301	/////
R	99469	70170	11184	23615	98038	19313	12501	00706	81820	/////	0//08	11394	30704	/////

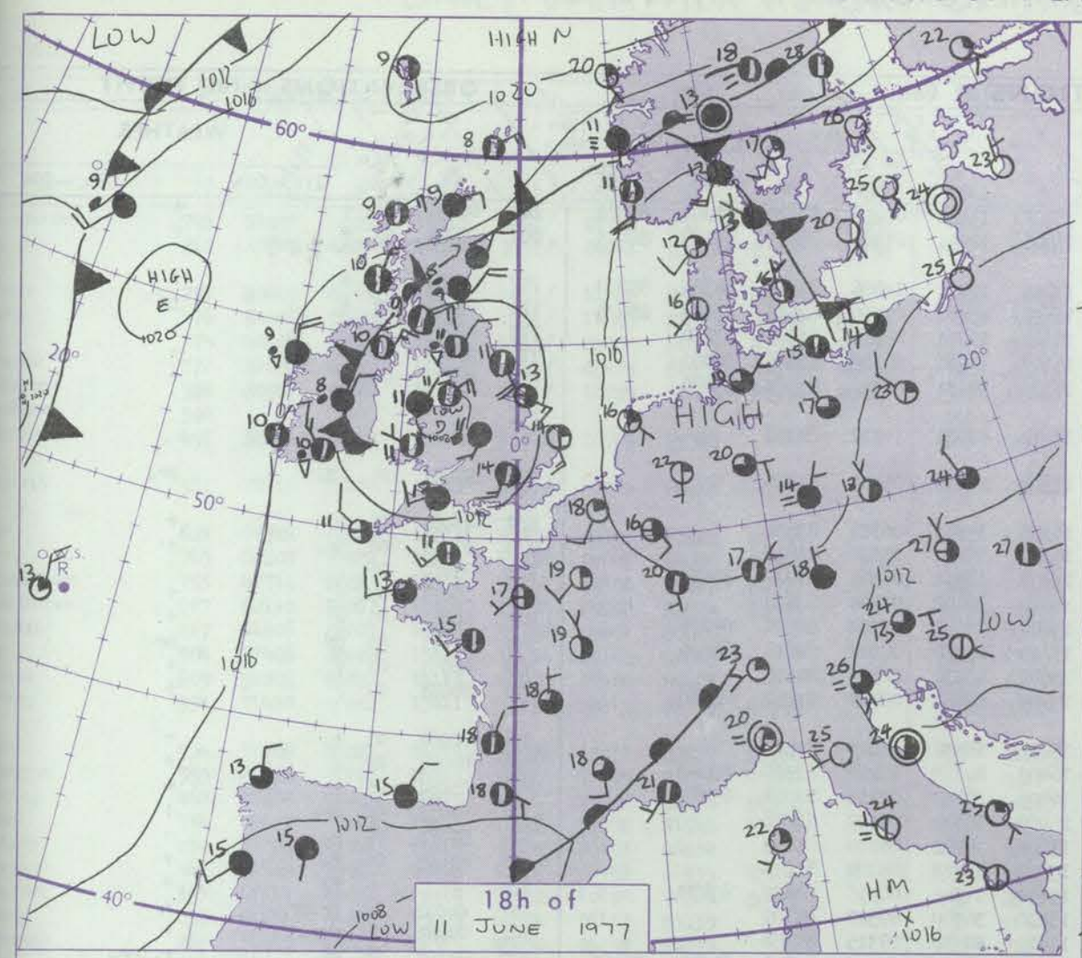
Times of observation printed in this publication are GREENWICH MEAN TIME.

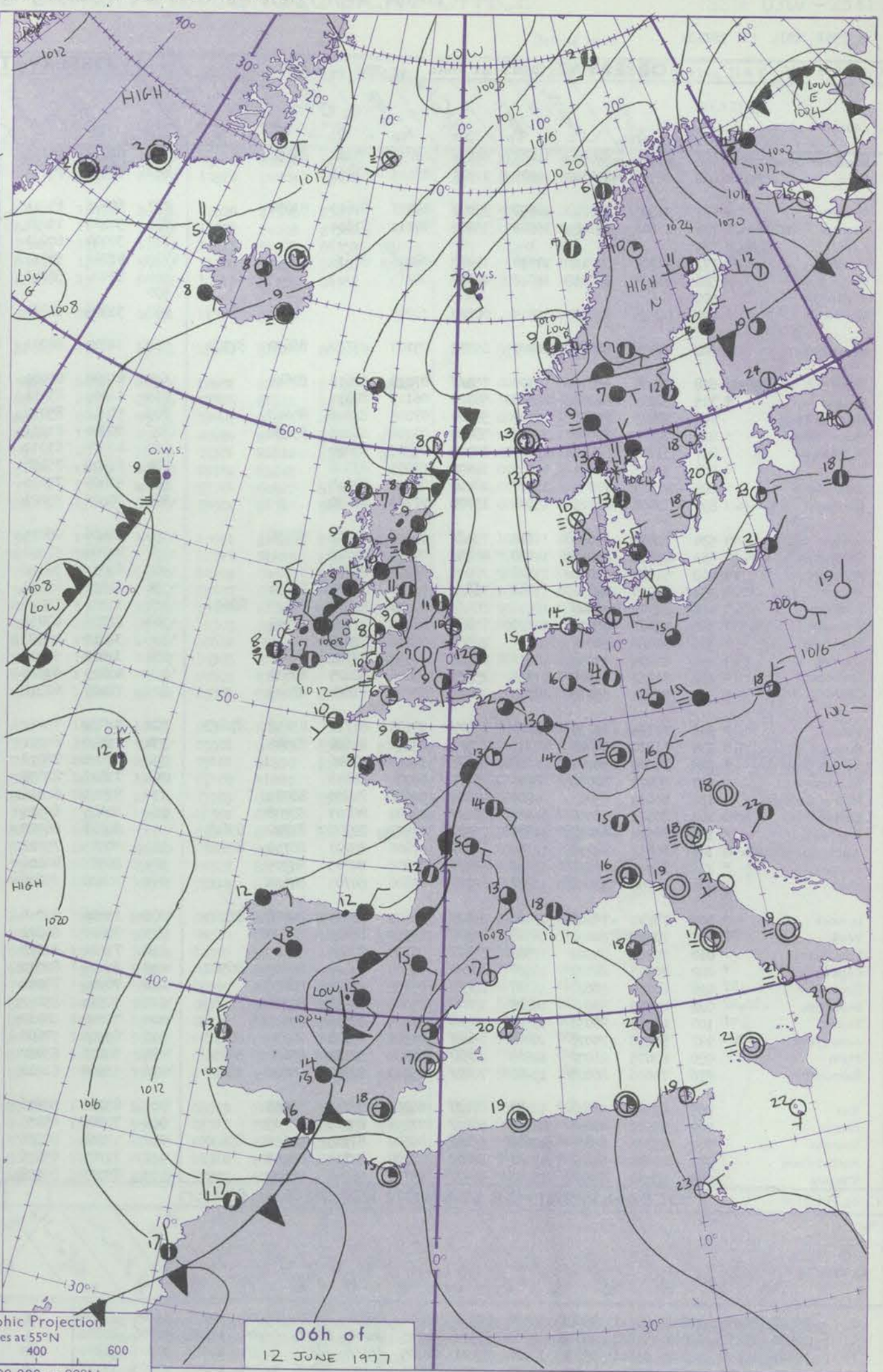
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

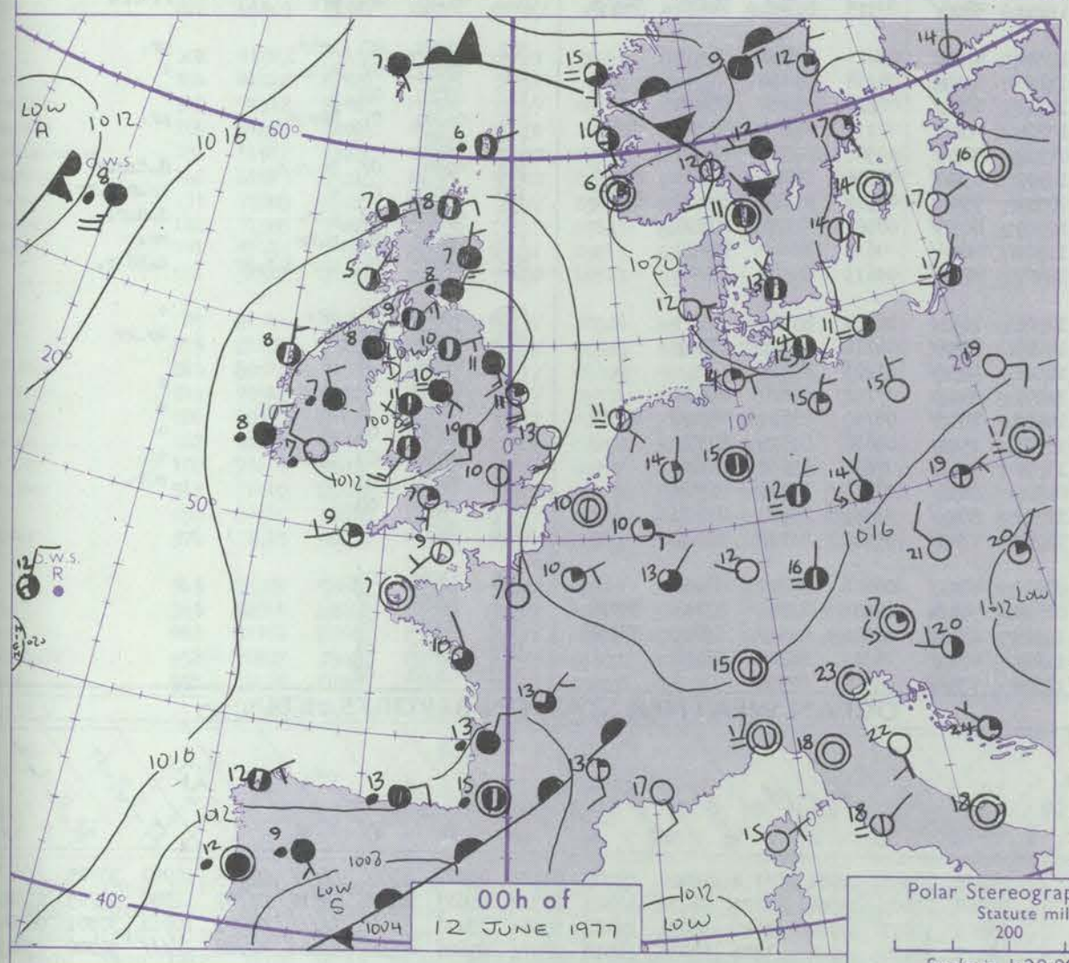


Polar Stereographic projection
Scale 1:30,000,000 at Latitude 60°N.

12 h of
11 JUNE 1977







Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SUNDAY 12 JUNE 1977

A complex low pressure area linked a depression over southwest England with lows over southern and northwestern Norway. During the past 24 hours the Norwegian systems have moved slowly northeast whilst that over southwest England has filled slowly as it moved to Dublin. A weak ridge of high pressure northeastwards between Scotland and Iceland has persisted but also declined. A weak anticyclone over north Germany has moved north and declined. During the next 24 hours the low over Eire will continue slowly north and fill. A complex developing wave depression over Spain will move northnortheast reaching southeast England by tomorrow morning. The Norwegian low complex will move away northeast as a ridge of high pressure over the east Baltic extends across southern Scandinavia to northern England.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V

OBSERVATIONS at 00h. 12 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	61906	58051	14408	653//	07218	83708	86620	
Hurn	862	12106	65030	14509	11430	08113	81815		
Manston	797	31805	65021	16509	35400	09007	81615	83650	
Gatwick	776	11806	58108	15509	15400	09211	81614		
Kew	775								
Heathrow	772	11808	60011	14910	14400	08216	81618		
Honington	586	01611	70021	15010	00900	08215			
Wattisham	590								
Gorleston	497	01818	66020	15713	00900	10209			
Aberporth	502	72114	80015	10707	65472	05109	81710	86630	87360
Filton	628	72206	62016	13309	754//	07219	82618	87645	
Rhoose	715	52411	82252	12309	58400	06115	84815		
Hartland Point	703	52513	85258	12709	58400	07208	82816	85640	
Mount Batten	827	52708	70031	13910	58400	07106	81818	85636	
St. Mawgan	817	31907	80011	13807	32400	05105	83814		
Scilly	804	32503	84021	14909	32400	07005	83818		
Culdrose	809	22705	70011	13907	28400	05103	81818		
Guernsey	894	12404	64021	15509	15701	07103	81650		
Elmdon	534	71810	61036	11910	754//	09116	82712	87656	
Cardington	559	41911	59051	14010	46400	09214	84712		
Wittering	462	51809	57036	13309	00901	07217	85075		
Watnall	354	71910	62038	11710	753//	09119	85709	86650	
Shawbury	414	81906	59048	10511	884//	09216	82815	84625	88650
Finningley	360	71608	65016	11110	754//	09120	82714	87645	
Spurn Point	396	21620	70018	12811	22500	08212	82820		
Leeming	257	82005	35256	10211	862//	10500	88704		
Tynemouth	262	81212	61616	11310	2552/	10606	82625	88535	
Carlisle	222	70706	65018	10310	755//	09000	81624	87645	
Valley	302	71714	62216	08811	754//	08108	81710	83618	87640
Ringway	334	71910	60026	10311	755//	09216	81620	87645	
Squires Gate	318	81206	56108	09210	856//	10208	88646		
Ronaldsway	204	80409	80036	08911	854//	09002	88618		
Mull of Galloway	131	60612	85011	09809	45601	08602	84630	86075	
Eskdalemuir	162	80310	56506	11008	872//	08804	86703	88708	
Prestwick	135	70514	65012	11509	753//	07807	82707	83709	85628
Abbotsinch	140	80612	65212	12309	853//	07806	83707	86710	88618
Leuchars	171	80313	45646	13508	872//	07805	84703	88705	
Dyce	091	80104	58056	15307	852//	07706	86705	88614	
Lerwick	005	70702	75606	17406	2547/	04605	81713	84458	87360
Wick	075	70808	80022	16308	755//	05710	83622	87650	
Sule Skerry	010	70908	74022	17308	755//	06709	87625		
Cape Wrath	049	70912	84022	16307	5853/	06709	83820	85625	86360
Stornoway	026	60710	80022	16107	685//	05708	81825	86656	
Benbecula	022	50315	88011	14807	1843/	05609	81818	85362	
Tiree	100	40407	89031	13505	38540	04805	81824	83645	
Aldergrove	917	80208	75026	10908	854//	05808	83711	84714	88628
Malin	980	80405	86032	12809	885//	06804	82820	85630	86650
Belmullet	976	73606	80028	13408	7847/	05713	82718	83820	86640
Birr	965	83308	58616	11407	6742/	06805	86710	88458	
Dublin	969	83510	40616	08708	862//	07806	83703	87705	
Shannon	962	83308	65606	12608	6547/	06804	81715	84630	85650
Roches Point	952	82910	65618	12207	4742/	06704	84711	88458	
Valentia	953	80110	65606	13708	864//	05702	86818	88630	

OBSERVATIONS at 06h. 12 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	61002	68111	15707	11532	06208	81820	83362	85075
Hurn	862	70702	70031	15408	12451	07206	81815	84362	86075
Manston	797	60903	65011	17012	12731	11006	81850	84359	85078
Gatwick	776	50602	15284	16607	45481	07210	82615	83640	85075
Kew	775	30000	60021	16710	10931	08210	81362	83080	
Heathrow	772	41702	58011	16109	10931	08107	81365	84081	
Honington	586	31406	56051	17109	10931	08311	81362	83080	
Wattisham	590								
Gorleston	497	51906	58031	17612	40931	11212	84358		
Aberporth	502	31810	82011	11808	23433	06305	81910		
Filton	628	41808	80031	15108	35701	06311	83650		
Rhoose	715	11807	83021	14209	18402	05310	81812		
Hartland Point	703	52212	85012	13308	19541	06304	81920	85075	
Mount Batten	827	20804	81011	14209	18402	07304	81818		
St. Mawgan	817	41707	81011	13807	22532	05302	82820	84075	
Scilly	804	62205	75158	13710	68430	07302	84818	84626	
Culdrose	809	51805	75021	13609	48430	06303	84818		
Guernsey	894	70802	75021	14909	28462	08000	81812	86360	
Elmdon	534	11606	66011	15207	18430	06215	81815		
Cardington	559	41708	57101	16409	20978	09212	82365	83272	
Wittering	462	61911	59012	16009	20939	07213	82364	85170	
Watnall	354	21911	62038	15009	16331	07217	81706		
Shawbury	414	11507	75026	13609	18402	06114	81818		
Finningley	360	22009	60031	15010	12432	08324	81713		
Spurn Point	396	31813	40050	15610	11541	06216	81820	83075	
Leeming	257	31612	56041	13210	36300	09320	83709		
Tynemouth	262	41913	61026	12711	40930	09315	84358		
Carlisle	222	72406	62216	11211	5853/	09313	82820	84640	86362
Valley	302	41824	75011	10710	42402	05211	84816		
Ringway	334	11710	64011	13710	11441	06218	81810		
Squires Gate	318	61612	70012	12609	6854/	07220	81822	86645	
Ronaldsway	204	71817	82038	10209	784//	07112	83612	84818	87636
Mull of Galloway	131	81925	62616	09209	885//	09501	82825	88630	
Eskdalemuir	162	80603	60605	11209	852//	08306	84704	86708	88630
Prestwick	135	80707	66022	10310	7541/	08502	82712	86635	87656
Abbotsinch	140	80503	75022	10909	863//	08501	82708	87710	
Leuchars	171	80508	40106	11309	861//	09610	86702	88703	
Dyce	091	80502	25636	12409	870//	09613	82701	88702	
Lerwick	005	11406	82016	17708	16330	06204	81708		
Wick	075	70810	80022	14908	755//	06710	83625	87645	
Sule Skerry	010	71110	81022	16108	755//	07203	87625		
Cape Wrath	049	61414	82012	14907	58570	07712	83820	85625	
Stornoway	026	70916	75032	14008	785//	06710	81820	85626	87635
Benbecula	022	70511	85022	13008	15432	06606	81715	87072	
Tiree	100	70610	88038	11909	754//	07607	83618	87647	
Aldergrove	917	83506	57602	09309	863//	07503	83706	88708	
Malin	980	80212	83032	11309	864//	07501	85718	87638	
Belmullet	976	53408	81018	12207	4343/	05501	81718	84920	
Birr	965	83108	58616	09807	5742/	06606	85710	88458	
Dublin	969	70304	65036	06810	562/2	09604	81705	83709	85070
Shannon	962	73210	80036	11208	4847/	06502	81710	83645	87360
Roches Point	952	72709	65616	11807	4732/	06302	84708	87458	
Valentia	953	70107	80808	12608	735//	06500	87924		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00031	51	+	+
Hurn	862	00041	01	+	+
Manston	797	97081	05	+	+
Gatwick	776	00041	01	+	if
Kew	775	00041	51	+	+
Heathrow	772	00071	02	+	+
Honington	586	00071	06	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	97051	04	id.	pr.
Filton	628	97061	00	+	+
Rhoose	715	97051	02	pr.	+
Hartland Point	703	91070	06		
Mount Batten	827	00071	03	+	+
St. Mawgan	817	00051	03	+	+
Scilly	804	01091	06	pr	pr
Culdrose	809	00031	01	+	+
Guernsey	894	00081	00	+	+
Elmdon	534	00061	01	+	+
Cardington	559	00071	02	+	+
Wittering	462	00081	06	+	+
Watnall	354	97071	05	pr.	+
Shawbury	414	97071	04	r.	+
Finningley	360	97081	06	r.	+
Spurn Point	396			+	+
Leeming	257	04091	09	pr.pr	+
Tynemouth	262	04081	09	r.r.	+
Carlisle	222	01101	08	pr.	r.irr.
Valley	302	01091	07	irir.	pr.
Ringway	334	92091	07	r.ir.	+
Squires Gate	318	00091	08	+	+
Ronaldsway	204	01091	07	Rrr.r.	pr.
Mull of Galloway	131	03081			
Eskdalemuir	162	02081	07	ir.d.d.	d.d.r.r
Prestwick	135	01081	07	+	ir.r.r.rr.r.
Abbotsinch	140	97081	08	d.r.	d.d.r.
Leuchars	171	05081	05	r.Rr	rr.
Dyce	091	10071	07	d.r.d.r.Rr	d.Rd.r.
Lerwick	005	93060	04	ir.	+
Wick	075	01072	05	+	ir.rr
Sule Skerry	010	00060	08		
Cape Wrath	049	00071	06	+	+
Stornoway	026	00071	05	+	+
Benbecula	022	00051	04	+	+
Tiree	100	97041	00	pr.	+
Aldergrove	917	97080	07	r.	r.r.
Malin	980	00091	08		
Belmullet	976	01061	04		
Birr	965	13061	06		
Dublin	969	12081	07		
Shannon	962	02071	06		
Roches Point	952	03071	06		
Valentia	953	01051	02		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12001	83112	98022	19508	855//	00804	86624	/////	05206	10997	3//05	27/06
L	99570	70199	12004	81827	96616	14008	6732/	51713	86706	88520	0//09	11099	30706	23806
M	99662	10018	12004	21610	98020	22106	14441	00105	/////	/////	05303	10817	30301	06804
R	99470	70170	12004	53612	98011	18612	28502	00805	81820	85076	0//09	11405	30803	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12061	83112	98022	19509	835//	00803	/////	/////	05105	10960	30705	/////
L	99568	70202	12064	81723	96216	12409	873//	51603	84706	88710	0//09	11084	30705	21806
M	99662	10017	12064	61610	98031	22107	55501	00400	/////	/////	05203	10812	30301	06804
R	99470	70170	12064	73306	98036	16512	2857/	00606	82820	87461	0//08	/////	30000	03803

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42207

Date of Issue MONDAY 13 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 12 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81007	80032	15313	4857/	07706	83822	85359	88462
Hurn	862	80505	68032	14614	5557/	09711	83622	83650	85358
Manston	797	80409	64036	15515	8097/	11810	85360	88463	
Gatwick	776	80406	68616	15314	1258/	11808	81820	83358	86360
Kew	775	80904	65601	16014	1567/	08705	81635	87358	88460
Heathrow	772	81006	66601	15615	4867/	09809	81830	84650	88459
Honington	586	80907	74601	16616	1457/	10705	81625	83359	88462
Wattisham	590								
Gorleston	497	80406	60031	17413	8097/	10703	88360		
Aberporth	502	72113	84038	14012	6847/	07210	86818	86360	
Filton	628	71708	82031	15214	3157/	08803	83828	87361	
Rhoose	715	61207	83031	14914	1152	07001	81822	86363	
Hartland Point	703	42710	86011	14612	32531	07104	83820	84075	
Mount Batten	827	62110	84011	14513	32551	09802	83824	83075	
St. Mawgan	817	61806	86021	14013	58532	05001	85824		
Scilly	804	32406	80028	14615	22432	10103	82818		
Culdrose	809	52208	81031	14113	48501	08400	84823		
Guernsey	894	70410	78602	13411	5547/	08813	84619	87359	
Elmdon	534	71708	82021	16213	31538	07001	83825	83362	87275
Cardington	559	81106	70021	16515	1867/	11705	81830	88360	
Wittering	462	81408	80031	16815	2267/	09702	82830	88362	
Watnall	354	72109	75021	15915	12408	07802	81818	87275	
Shawbury	414	71709	81021	15115	78632	06103	86832		
Finningley	360	71808	84031	16416	12602	07703	81835	87075	
Spurn Point	396	61212	64031	17815	21552	10105	82820	86075	
Leeming	257	61611	84031	15915	61604	06107	86835		
Tynemouth	262	51815	69021	16315	48630	06209	84830		
Carlisle	222	61809	81012	14514	625//	06110	82825	86830	
Valley	302	41923	82158	13813	48501	06214	83820		
Ringway	334	41912	82021	15715	38601	05206	83835		
Squires Gate	318	71812	82021	14914	785//	08205	87823		
Ronaldsway	204	61614	82018	13411	58401	06214	81817	83630	
Mull of Galloway	131	51912	83258	12811	32532	08211	83825		
Eskdalemuir	162	61913	75016	14213	58502	07109	84822	84648	85074
Prestwick	135	72008	84026	14012	785//	05215	84825	86642	
Abbotsinch	140	71908	75026	13413	785/2	07113	82820	87640	
Leuchars	171	52413	75016	14314	48431	09215	83815		
Dyce	091	51512	70056	14114	55400	10313	85612		
Lerwick	005	81314	50216	17310	861//	10806	85702	88710	
Wick	075	81208	25106	13710	862//	09505	85704	88708	
Sule Skerry	010	80910	74032	15210	4551/	08705	84625	88458	
Cape Wrath	049	70910	80022	14708	755//	08301	87625		
Stornoway	026	60513	84022	14211	38532	07002	81822	85072	
Benbecula	022	40606	84011	13313	28502	07201	82822	83070	
Tiree	100	70207	86032	12911	785//	09207	81826	87657	
Aldergrove	917	71410	81026	11310	784//	06210	81715	85818	87645
Malin	980	80510	58616	11410	6632/	09802	84706	85715	88458
Belmullet	976	73615	82038	12512	735//	07203	84820	81920	87640
Birr	965	82907	58616	11509	7732/	08310	87709	88540	
Dublin	969	82011	82216	10509	864//	07221	81710	85716	87640
Shannon	962	82704	82606	13010	6857/	06208	81820	86640	88459
Roches Point	952	71807	75026	13610	784//	06307	87818		
Valentia	953	53109	82808	13912	53500	07207	85925		

OBSERVATIONS at 18h. 12 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80111	58636	13510	5562/	09812	85630	88556	
Hurn	862	80110	40636	12310	852//	10820	84704	88612	
Manston	797	40515	60021	11416	20981	12620	82362	83075	
Gatwick	776	70409	61026	11317	7098/	11622	84358	87362	
Kew	775	80211	75026	12117	1167/	10823	81832	86358	88460
Heathrow	772	80213	65036	12016	5467/	11724	83632	84656	88360
Honington	586	60410	68036	13917	60982	10613	81358	86362	
Wattisham	590								
Gorleston	497	40414	56021	14314	40991	11717	84360		
Aberporth	502	63107	82018	15011	18502	08307	81820	86075	
Filton	628	80910	59632	14011	4537/	10802	82707	83635	88460
Rhoose	715	70708	68012	13614	28551	07805	81820	87360	
Hartland Point	703	60307	82031	14112	45601	08607	84635	86075	
Mount Batten	827	72406	84022	13313	2847/	08604	81714	83360	87365
St. Mawgan	817	73509	86032	14112	38452	08301	81812	83815	86362
Scilly	804	43404	81011	14914	48400	09302	83818		
Culdrose	809	63005	75022	13912	42531	08301	84820	83362	
Guernsey	894	80211	80616	12410	6547/	09504	81710	86640	
Elmdon	534	81005	59636	15811	5552/	10001	81628	85640	88460
Cardington	559	80113	64029	14215	1258/	12713	81825	85359	88362
Wittering	462	80113	70036	15713	6543/	10708	84615	86650	88360
Watnall	354	80301	50638	16611	7572/	09107	87650	88557	
Shawbury	414	70904	82022	15114	1857/	09500	81825	87462	
Finningley	360	81203	68636	16912	857//	10309	88650		
Spurn Point	396	80705	62022	17412	4552/	07602	84625	88460	
Leeming	257	81506	80022	16315	14617	09303	81640	84463	88275
Tynemouth	262	71615	69022	17111	756//	09104	87630		
Carlisle	222	62809	80012	15314	48632	09301	82830	83646	
Valley	302	22011	83031	15112	12601	06204	81830		
Ringway	334	71704	70021	15714	3867/	09301	81835	83650	87362
Squires Gate	318	72907	76038	14915	28652	09101	81830	85362	87075
Ronaldsway	204	11813	82011	14711	18502	07104	81820		
Mull of Galloway	131	52020	84021	14010	22571	07305	82825	85360	
Eskdalemuir	162	12006	75018	15513	18502	06303	81825		
Prestwick	135	71813	82158	15213	735//	05304	81920	83830	85645
Abbotsinch	140	51812	82018	14715	58600	05002	83832		
Leuchars	171	31011	75011	16013	28532	09307	81825		
Dyce	091	31613	75021	16414	18505	07214	81825		
Lerwick	005	81813	20102	17909	862//	09304	85703	88708	
Wick	075	61506	59052	15411	38232	09314	81705	83362	85072
Sule Skerry	010	33607	57051	15411	36400	10303	83710		
Cape Wrath	049	80908	66022	15209	863//	09203	88708		
Stornoway	026	50514	75031	15210	55400	08307	81711	83615	
Benbecula	022	71010	82031	14812	784//	08310	81710	85635	
Tiree	100	71107	89016	14811	18572	08207	81825	86070	
Aldergrove	917	71306	60608	12510	5537/	08306	81708	84638	87458
Malin	980	51010	81016	12711	584//	06206	81716	85640	
Belmullet	976	73309	82028	14411	735//	07210	83820	81920	87640
Birr	965	72405	80026	14211	6857/	08313	82820	85632	87459
Dublin	969	82007	80216	13311	854//	08317	82715	83628	86650
Shannon	962	83005	86032	14612	885//	07210	81820	88640	
Roches Point	952	81906	80032	14611	884//	08310	87818	88640	
Valentia	953	23309	86028	15012	22500	07207	82825		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	26142	022	r.rr	rrRRrr
Hurn	862	24152	026	rRrr	rr.rRr.
Manston	797	97180	066	r.	+
Gatwick	776	03172	023	r.r.	r.rrtlRTL
Kew	775	02182	041	r.r.	r.rR
Heathrow	772	04181	044	r.r.	rR
Honington	586	97190	085	r.	+
Wattisham	590				
Gorleston	497		088		
Aberporth	502	97141	088	pr.	+
Filton	628	04151	049	+	[redacted]r.rrr.rRr
Rhoose	715	00150	081	+	+
Hartland Point	703	00140	125		
Mount Batten	827	00151	116	+	+
St. Mawgan	817	00150	129	+	+
Scilly	804	00161	117	+	+
Culdrose	809	00140	111	+	+
Guernsey	894	02111	003	r.r.	r.r.d.r.
Elmdon	534	10141	062	r.	rr
Cardington	559	97161	049	r.	tl.-r.
Wittering	462	91181	044	r.r.	r.
Watnall	354	06161	073	pr.	r.rR
Shawbury	414	93151	079	+	r.
Finningley	360	03171	072	+	rrr.r.
Spurn Point	396			+	+
Leeming	257	92161	086	+	r.
Tynemouth	262	00151	086	+	+
Carlisle	222	00161	074	+	+
Valley	302	92131	115	pr.	+
Ringway	334	01151	076	+	r.r
Squires Gate	318	97161	080	pr.	+
Ronaldsway	204	01141	099	pr	+
Mull of Galloway	131	97121			
Eskdalemuir	162	91141	044	+	pr.
Prestwick	135	97151	033	pr.	+
Abbotsinch	140	03151	023	d.r.	pr.pr
Leuchars	171	97161	067	ir.	+
Dyce	091	97161	080	d.r.	+
Lerwick	005	93110	013	ir.	+
Wick	075	03141	042	rrRRr.r.	jf
Sule Skerry	010	00120			
Cape Wrath	049	00090	000	+	+
Stornoway	026	97121	115	+	id.
Benbecula	022	97150	078	+	ir.id.
Tiree	100	97131	007	ir.	ir.
Aldergrove	917	97110	005	pr.	r.pr.
Malin	980	0211	016		
Belmullet	976	9413	018		
Birr	965	1912	001		
Dublin	969	0512	005		
Shannon	962	9312	000		
Roches Point	952	9114	022		
Valentia	953	9614	114		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

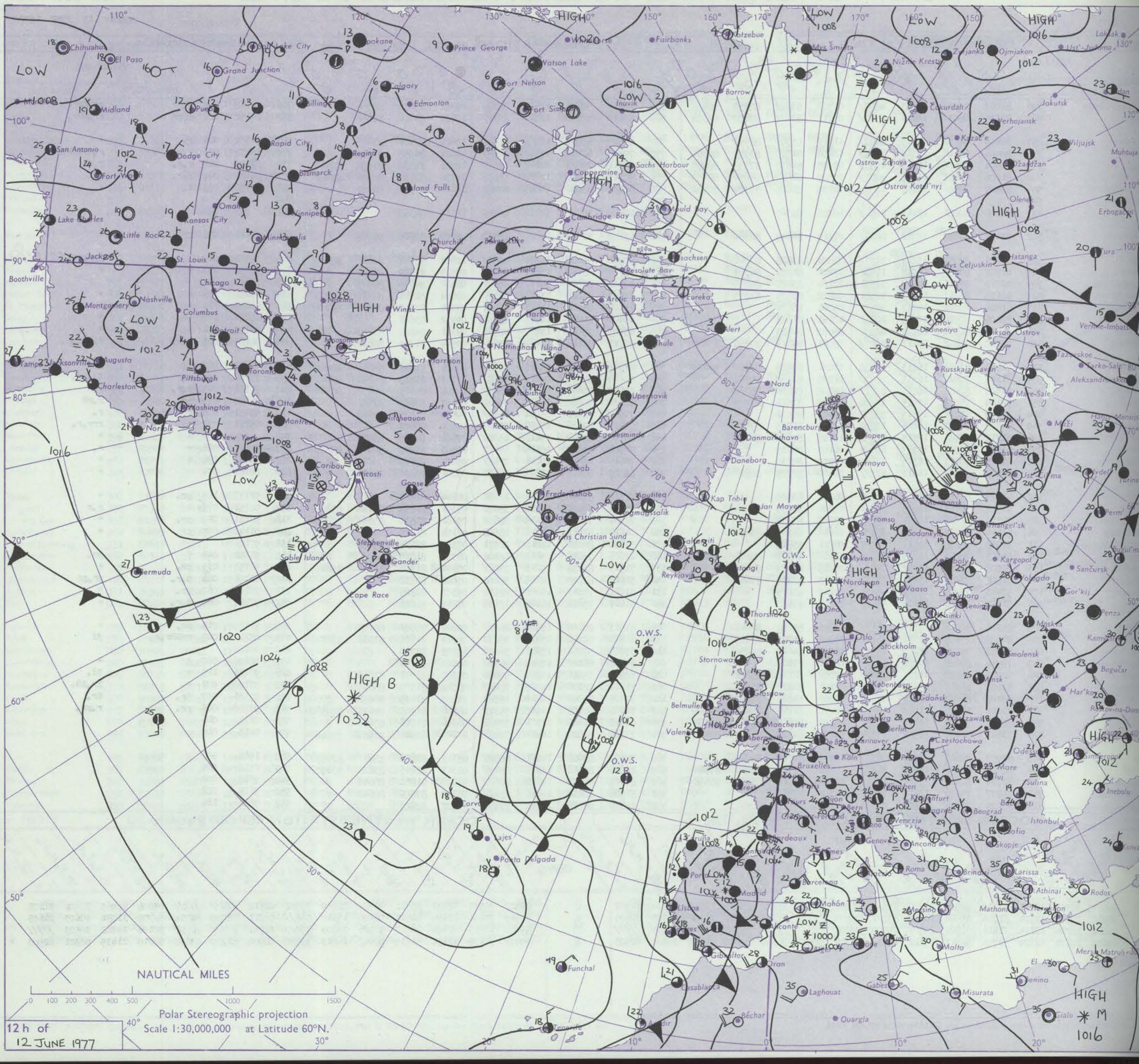
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12121	83210	98022	20208	855//	00302	/////	/////	05105	10949	30504	31907
L	99568	70201	12124	81716	95516	14209	872//	00209	85705	88709	0//09	11092	30705	21805
M	99662	10016	12124	71416	97022	20807	79500	00708	/////	/////	05005	10819	30403	/////
R	99470	70170	12124	71706	98012	15312	2853/	00709	81820	86360	0//09	11408	30000	02903

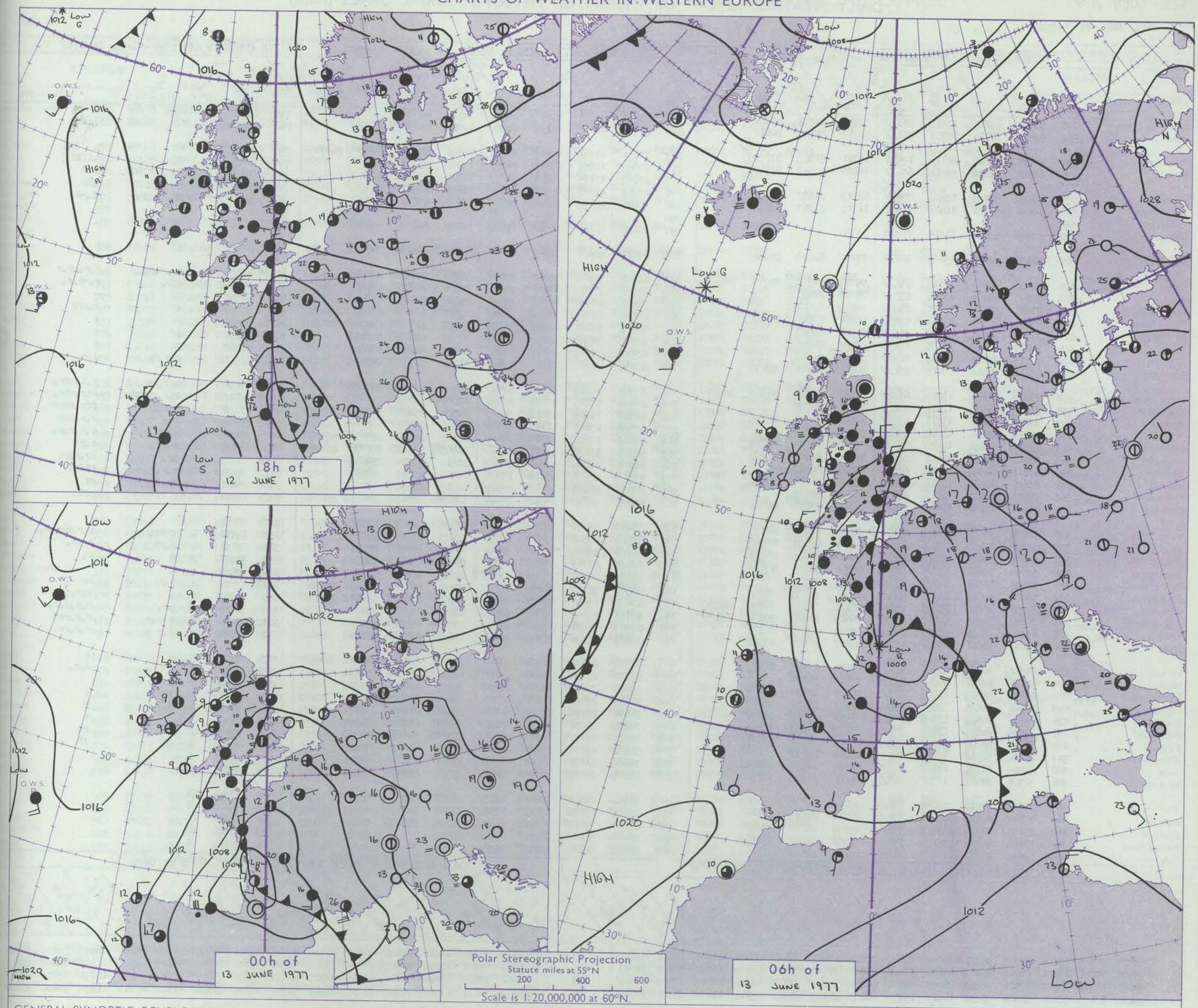
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12181	83311	98022	22009	35532	00312	/////	/////	05006	10965	30504	31108
L	99569	70201	12184	81815	96206	15810	853//	00211	82709	84714	0//08	11084	30603	21603
M	99663	10015	12184	81817	97026	18808	855//	00703	/////	/////	00106	10762	30503	/////
R	99471	70170	12184	51815	98012	14013	38530	00804	81820	83650	0//10	11435	30301	02903

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 13 JUNE 1977

During the past 24 hours a shallow depression over Ireland moved slowly north and filled. A warm front, within the circulation of a low pressure complex over France and Spain, moved slowly eastwards into southern Britain. During the next 24 houes the centre of the low complex is expected to move northwards into the eastern English Channel and remain slow-moving.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — **OBSERVATIONS at 00h.** 13 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Boscombe Down	746	83512	65216	11510	853//	09718	84708	88618	
Hurn	862	83512	58216	10711	853//	10717	84708	88611	
Manston	797	40917	60011	09116	10982	13711	81360	83070	
Gatwick	776	60203	12299	09514	696//	14820	82945	85647	
Kew	775								
Heathrow	772	70408	42109	10513	756//	12719	81632	87650	
Honington	586	50406	56132	10913	20932	11719	82362	85075	
Wattisham	590								
Gorleston	497	00918	60021	11415	00900	13720			
Aberporth	502	53408	82011	15609	21640	07807	82840	84362	
Filton	628	80305	20516	13510	851//	09713	84702	86705	88615
Rhoose	715	80403	68616	13310	855//	09712	88625		
Hartland Point	703	23616	82011	14411	25640	09810	82641		
Mount Batten	827	73609	80031	13211	1565/	09801	81640	87362	
St. Mawgan	817	33508	82011	14509	35530	07001	83623		
Scilly	804	10213	83020	15809	11400	07500	81818		
Culdrose	809	13513	80021	14109	11400	07000	81818		
Guernsey	894	83613	75216	10410	852//	09816	82704	88650	
Elmdon	534	83510	40636	13410	6512/	09822	85702	86640	88556
Cardington	559	80110	56919	12011	873//	11810	88708		
Wittering	462	83612	25636	13311	4542/	10612	84613	88542	
Watnall	354	83613	50636	13710	8062/	09726	88540		
Shawbury	414	83507	35636	14810	852//	09816	81704	88645	
Finningley	360	83411	56626	14611	856//	10820	85640	88656	
Spurn Point	396	60312	64022	14311	6097/	08722	86360		
Leeming	257	83606	60216	17311	854//	10807	81712	88642	
Tynemouth	262	81603	56602	18911	856//	10205	88630		
Carlisle	222	80000	63602	17411	5567/	08107	85637	88460	
Valley	302	60403	75011	16409	15671	06001	81635	84358	
Ringway	334	80307	50636	15511	1722/	10814	81703	88545	
Squires Gate	318	80605	45622	16511	2552/	10801	82625	88556	
Ronaldsway	204	50000	80031	17205	35601	05211	81635	83650	
Mull of Galloway	131	32008	82021	16709	35600	08209	83635		
Eskdalemuir	162	80000	60031	18007	885//	05004	81825	88650	
Prestwick	135	71207	80021	17209	4863/	06105	81830	83650	86360
Abbotsinch	140	71207	70028	17111	5553/	06005	81620	84634	85650
Leuchars	171	60204	59106	18409	35608	09208	83645	86272	
Dyce	091	50000	58041	19608	15730	07207	81650	85368	
Lerwick	005	61812	50102	19809	653//	09105	82708	85628	
Wick	075	42107	62051	19010	40930	08214	84359		
Sule Skerry	010	80000	58515	19009	875//	09217	88720		
Cape Wrath	049	72311	74606	18603	3542/	08211	83612	87460	
Stornoway	026	81606	60585	18509	6542/	08206	82616	85630	88460
Benbecula	022	61006	80016	17909	3547/	09209	82618	84360	85465
Tiree	100	70707	86036	17009	755//	09206	81626	87635	
Aldergrove	917	21204	62018	16107	26400	06212	82711		
Malin	980	60000	81031	15607	48532	06207	81820	84648	
Belmullet	976	52905	82012	16707	585//	06001	81820	85638	
Birr	965	73603	75012	16709	756//	07109	87630		
Dublin	969	72602	62116	16508	755//	08214	82625	87650	
Shannon	962	73104	84022	16909	756//	08205	86640	85650	
Roches Point	952	53203	80016	16809	15630	07206	81637	85359	
Valentia	953	10603	80011	17807	11502	05206	81825		

OBSERVATIONS at 06h. 13 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Boscombe Down	746	73513	50212	09210	6623/	10808	86705		
Hurn	862	83513	40636	08111	6732/	10709	86706	88530	
Manston	797	71111	44051	07617	40882	14606	81357	84360	86070
Gatwick	776	83508	10286	07413	861//	13807	88702		
Kew	775	83607	17109	08413	861//	12704	83702	88704	
Heathrow	772	83510	18606	08112	861//	12806	82702	88703	
Honington	586	70607	42219	09115	6863/	13705	82833	86650	
Wattisham	590								
Gorleston	497	60705	56021	09914	657//	12400	86650		
Aberporth	502	63511	66031	13510	18432	08809	81810	86070	
Filton	628	80208	56616	11411	853//	10703	84708	88622	
Rhoose	715	73603	73036	11411	754//	09601	81712	87620	
Hartland Point	703	73618	80031	12010	38431	09808	82815	83640	85360
Mount Batten	827	80310	66032	10311	3547/	09511	81710	83650	87359
St. Mawgan	817	73413	70021	11810	26332	08807	82709	85359	87070
Scilly	804	60216	82021	13410	38432	08707	82818	84075	
Culdrose	809	63616	70011	11210	35672	08809	81630	83656	
Guernsey	894	83618	33586	07311	871//	11508	84702	88704	
Elmdon	534	83308	30625	11910	872//	10500	85704	88708	
Cardington	559	80106	15216	10012	862//	12000	88705		
Wittering	462	83509	11626	10412	5622/	12501	85703	88540	
Watnall	354	83508	15606	11211	861//	10601	88701		
Shawbury	414	83612	23206	12710	871//	10605	82702	86703	88708
Finningley	360	83208	35106	11011	861//	11805	83702	85704	88706
Spurn Point	396	80209	40606	12011	5641/	09514	85714	88460	
Leeming	257	83512	40656	13610	872//	10513	87703	88707	
Tynemouth	262	80109	56616	15610	856//	09715	88630		
Carlisle	222	80204	58656	15310	854//	10601	82715	84622	88635
Valley	302	53407	80031	14709	12532	07301	81825	84075	
Ringway	334	83512	40516	12910	872//	10805	82705	88712	
Squires Gate	318	80309	45616	14010	5732/	10705	85706	88540	
Ronaldsway	204	60000	82212	15010	1547/	05501	81713	86462	
Mull of Galloway	131	73607	81011	15409	1567/	09608	81630	87360	
Eskdalemuir	162	83506	58636	16109	854//	08806	85710	86625	88650
Prestwick	135	80402	65952	16008	4548/	07607	81618	84645	88460
Abbotsinch	140	80703	57602	16009	6737/	08607	81708	83709	86710
Leuchars	171	80507	32636	17710	870//	09505	85701	88702	
Dyce	091	80000	25636	18909	870//	09605	85701	88703	
Lerwick	005	72304	60051	20510	26431	09205	82710	83362	87072
Wick	075	83602	62031	19408	20937	07500	82360	88270	
Sule Skerry	010	70000	74015	19709	3551/	08203	83625	87458	
Cape Wrath	049	31408	82026	19608	25504	08211	82620	83070	
Stornoway	026	30604	82036	19009	15432	08302	81616	83072	
Benbecula	022	70408	82031	18009	754//	07201	81710	87630	
Tiree	100	70508	87032	16809	6567/	08301	86645	87458	
Aldergrove	917	50902	60401	15808	55400	07500	81712	85650	
Malin	980	72004	81031	15907	785//	07500	85820	83642	
Belmullet	976	63206	82032	16710	5343/	08501	81717	81920	84638
Birr	965	13502	62121	16707	15602	06203	81632		
Dublin	969	13106	62101	15808	16430	07303	81715		
Shannon	962	63204	82021	17009	656//	08204	86640		
Roches Point	952	03112	70011	15908	00900	07703			
Valentia	953	10603	84020	17306	11500	05801	81823		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	15091	09	r.rR	r.rRr.
Hurn	862	08101	10	r.r.	r.r.rR
Manston	797	97160	14	1	r.
Gatwick	776	20131	10	TLRtlrr.if	r.ifffr
Kew	775	08122	10	rtl.R-tlR	r.R
Heathrow	772	05121	10	Rrr.tl.	r.Rr
Honington	586	92121	11	lr.rtl.r.	tl.-r.
Wattisham	590				
Gorleston	497				
Aberporth	502	00090	06	+	+
Filton	628	04101	09	rr.r.d.d.	r.r.rr.r
Rhoose	715	94101	08	r.r.	r.-r.r.
Hartland Point	703	00090	07		
Mount Batten	827	03111	09	+	r.rrR
St. Mawgan	817	00080	05	+	+
Scilly	804	00091	06	+	+
Culdrose	809	00070	07	+	+
Guernsey	894	02091	09	d.r.rr	d.r.
Elmdon	534	13091	09	rrr.rr.	r.d.rrr.
Cardington	559	13112	10	r.r.rRtlRr.	rir.rRr.
Wittering	462	11101	10	r.rRf	ffr.rRrr
Watnall	354	06101	10	r.r	r.r.Rir
Shawbury	414	08101	09	rrRd.r.	d.d.r.r.
Finningley	360	10101	10	r.rR	r.rR
Spurn Point	396			ir.	ir.r.r.
Leeming	257	14101	10	r.r.r	rRir.
Tynemouth	262	04102	09	ir.	rr
Carlisle	222	17092	07	r.rr	rrRR
Valley	302	00081	04	+	+
Ringway	334	19101	09	rrRr.	d.r.drr.r.
Squires Gate	318	07101	09	r.rR	rr.r.
Ronaldsway	204	97051	03	+	r.
Mull of Galloway	131	00081			
Eskdalemuir	162	15062	04	r.rr	rr
Prestwick	135	91071	05	+	tlr.d.r.
Abbotsinch	140	02081	05	pr.	r.r.d.r.r
Leuchars	171	13092	07	r.r.r	r.r.rrR
Dyce	091	05072	05	r.r	r.r.rr
Lerwick	005	00070	03	+	+
Wick	075	92051	01	+	r.r.
Sule Skerry	010	92061	06		
Cape Wrath	049	09071	04	rrir.	+
Stornoway	026	95061	01	d.r.	+
Benbecula	022	97050	53	id.	+
Tiree	100	97071	02	ir.	r.
Aldergrove	917	00060	01	jf	jf
Malin	980	97051	01		
Belmullet	976	97071	05		
Birr	965	97041	01		
Dublin	969	02071	03		
Shannon	962	97081	04		
Roches Point	952	97071	04		
Valentia	953	97040	01		

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_a$pp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13001	73308	98032	24008	75400	00112	87618	/////	05106	10949	30403	32208
L	99570	70201	13004	81916	98212	17810	854//	41208	83710	88625	0//09	11097	30603	22703
M	99661	10019	13004	62416	97022	20707	26470	00214	/////	/////	00006	10745	30505	/////
R	99470	70170	13004	81418	98032	14913	1557/	00105	81620	88360	0//11	11406	30503	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_a$pp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13061	73406	98022	23908	75500	00801	/////	/////	05206	10957	30201	32006
L	99568	70201	13064	81712	97025	17710	853//	00503	86708	88625	0//09	11096	30603	22804
M	99661	10019	13064	80000	96026	20807	863//	00608	/////	/////	05006	10754	30000	/////
R	99472	70171	13064	71320	98031	14913	12542	00304	81820	83360	0//11	11395	30604	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42208

Date of Issue TUESDAY 14 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 13 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83413	70026	09013	863//	11001	83706	88707	
Hurn	862	83616	70026	08314	854//	11302	86610	88618	
Manston	797	40506	26056	07222	00901	17203	84075		
Gatwick	776	70109	35046	07419	763//	16302	87709		
Kew	775	80205	30056	08417	863//	15500	86709	88712	
Heathrow	772	80110	32056	08218	864//	15301	83710	88712	
Honington	586	30606	50056	07823	00901	17610	83075		
Wattisham	590								
Gorleston	497	60306	24052	09014	6091/	13705	86460		
Aberporth	502	73515	62012	13111	3527/	10602	81705	83656	87362
Filton	628	83612	40596	10912	872//	11301	84705	86708	88712
Rhoose	715	80406	58636	10912	2547/	11704	81712	87358	88460
Hartland Point	703	80218	66022	12112	6557/	10502	86620	88360	
Mount Batten	827	80213	70216	09913	6537/	11506	81708	86650	88360
St. Mawgan	817	73516	75022	11912	2638/	10801	82709	87357	
Scilly	804	73616	71022	14014	48432	11104	84818	84075	
Culdrose	809	83616	58052	11312	6842/	09803	83810	85628	88458
Guernsey	894	83618	62606	07911	872//	11312	84704	87705	
Elmdon	534	83210	50616	11411	7722/	11006	87705	88550	
Cardington	559	73611	58056	09117	763//	15508	83709	85712	87717
Wittering	462	53311	62016	09917	1633/	15302	81709	85359	
Watnall	354	83407	23616	10912	872//	12005	87703	88705	
Shawbury	414	83510	56615	12312	872//	11002	86705	88709	
Finningley	360	83006	37919	11313	6722/	13006	84703	85706	88517
Spurn Point	396	80303	32505	11712	864//	11307	88710		
Leeming	257	83606	30646	12712	873//	11501	88706		
Tynemouth	262	83513	39106	13610	864//	10605	88714		
Carlisle	222	83507	62616	13810	4542/	10607	82712	84620	88458
Valley	302	73613	78022	14213	58332	09802	81707	85813	87075
Ringway	334	83208	25636	12611	872//	11307	84704	88707	
Squires Gate	318	83408	70606	13113	6542/	11503	81710	85615	88550
Ronaldsway	204	73611	70031	14513	58436	08604	81712	83816	85070
Mull of Galloway	131	70214	84022	15213	785//	09706	81825	87630	
Eskdalemuir	162	80114	58616	14609	853//	08810	86708	88620	
Prestwick	135	80310	62619	15911	7537/	09807	81709	84618	87650
Abbotsinch	140	80104	60586	16311	6537/	10806	81706	83625	86635
Leuchars	171	83506	68216	16111	1257/	09716	81820	87360	88462
Dyce	091	80109	70606	17611	855//	08611	81625	86638	88650
Lerwick	005	80000	40612	21711	2527/	10306	81704	88360	
Wick	075	80404	35616	19810	5712/	09804	81702	83705	88458
Sule Skerry	010	80712	66022	21210	3551/	09305	83625	88458	
Cape Wrath	049	81408	63026	20209	4532/	08101	82709	83615	88460
Stornoway	026	80516	80031	19610	6542/	09201	83614	85628	88458
Benbecula	022	70511	87211	18911	754//	07206	81715	84630	87640
Tiree	100	80310	58636	17810	7547/	09205	82710	85616	87622
Aldergrove	917	63107	75031	15714	685//	07604	84825	85650	
Malin	980	20506	75011	16812	28400	09102	81818		
Belmullet	976	63610	78032	17813	685//	08201	82820	85638	
Birr	965	73409	82021	16315	785//	09705	83822	85638	
Dublin	969	63508	75011	15015	52502	08607	85820		
Shannon	962	73607	85021	17014	785//	05002	82828	86645	
Roches Point	952	63116	82031	16314	625//	07101	86825		
Valentia	953	53512	86021	18213	48502	08204	84826		

OBSERVATIONS at 18h. 13 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83513	66026	09813	854//	11301	88618		
Hurn	862	83412	59216	08915	2647/	12502	82712	85358	88460
Manston	797	83206	22951	06116	8098/	14802	83358	88462	
Gatwick	776	83411	40042	08017	864//	15308	88711		
Kew	775	83308	40052	09016	864//	14310	88710		
Heathrow	772	83211	45052	08916	864//	13311	88710		
Honington	586	72811	50051	07821	00901	17303	87075		
Wattisham	590								
Gorleston	497	83614	24051	07916	8091/	14604	88458		
Aberporth	502	33513	61011	14211	16272	10304	81703		
Filton	628	80108	59586	11612	7532/	11306	81708	84712	86625
Rhoose	715	80104	65616	11613	1147/	12306	81814	87358	88460
Hartland Point	703	53618	66022	13612	12532	11114	81820	85360	
Mount Batten	827	73612	65022	10714	4558/	11001	82625	83656	87460
St. Mawgan	817	63518	70022	12913	11432	10205	81810	86070	
Scilly	804	43514	70011	15014	22502	11501	82823	83075	
Culdrose	809	73623	64052	11912	45438	10501	81710	84635	85362
Guernsey	894	83513	56106	08312	852//	12000	82703	86705	87615
Elmdon	534	83410	50606	11713	7531/	11204	85708	87640	88458
Cardington	559	83409	50052	09715	863//	14208	85708	88710	
Wittering	462	83415	32052	10514	862//	13309	88704		
Watnall	354	83407	35056	11614	4632/	12306	84708	88458	
Shawbury	414	83413	42616	13111	852//	10304	81703	85708	88640
Finningley	360	83310	40106	11813	853//	12308	85707	88615	
Spurn Point	396	83312	20105	11213	8091/	10301	88460		
Leeming	257	83510	35616	13012	872//	11308	85705	88710	
Tynemouth	262	83613	23636	13710	864//	10106	88714		
Carlisle	222	80106	56636	13811	7542/	11204	81712	83622	86640
Valley	302	33310	80011	14913	12431	09302	81818	83365	
Ringway	334	83307	28636	12912	7722/	11000	83703	86706	88520
Squires Gate	318	63410	59216	13413	47232	12701	83705	83360	
Ronaldsway	204	33512	66011	14814	18432	09302	81710		
Mull of Galloway	131	50120	84012	15513	32532	10007	83825		
Eskdalemuir	162	83608	65216	14610	884//	08103	82711	84820	88640
Prestwick	135	80407	61026	15812	854//	09303	81713	83715	85622
Abbotsinch	140	80706	70026	15513	6857/	09201	82821	86645	88460
Leuchars	171	80203	45636	15611	873//	10506	82709	88711	
Dyce	091	83608	35616	15610	871//	09713	81702	88704	
Lerwick	005	80511	56606	20409	7722/	09301	87703	88258	
Wick	075	80212	40636	18509	6522/	09804	83704	84705	85630
Sule Skerry	010	80512	57616	20309	874//	09703	88715		
Cape Wrath	049	90912	02636	19708	9////	08702	89/00		
Stornoway	026	80513	58616	19609	6532/	09301	85706	86614	88530
Benbecula	022	70411	75252	18711	3827/	09303	81705	83645	87460
Tiree	100	53611	75016	17511	48430	09302	81818	83640	
Aldergrove	917	70605	75032	16014	785//	07307	83823	87645	
Malin	980	73406	81031	17312	784//	10303	81711	86640	
Belmullet	976	43613	80011	19013	48500	08209	83820		
Birr	965	63309	82012	16516	685//	07302	83823	84641	
Dublin	969	73307	75012	15316	785//	08102	82825	87650	
Shannon	962	63312	84012	17116	685//	08202	82828	85640	
Roches Point	952	13113	80011	16016	12500	08604	81825		
Valentia	953	73312	86021	18913	785//	09206	83826	87640	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	92141	000	r.	r.
Hurn	862	92151	000	r.	r.
Manston	797	04251	081	+	tl.r.tlrRr.
Gatwick	776	97211	028	+	r.
Kew	775	91191	001	+	r.
Heathrow	772	00191	010	+	+
Honington	586	97250	093	r.	+
Wattisham	590				
Gorleston	497		073		
Aberporth	502	00120	011	+	+
Filton	628	04131	000	r.rd.r.rdd.r.	d.r.drd.r.
Rhoose	715	06141	000	r.r.rr.	r.rr.r.
Hartland Point	703	00120	053		
Mount Batten	827	01151	001	Rr.	+
St. Mawgan	817	00131	037	+	+
Scilly	804	00150	091	+	+
Culdrose	809	00140	014	+	+
Guernsey	894	97131	000	ir.	ir.
Elmdon	534	05131	000	r.rRr.r.	ir.r.r.
Cardington	559	01191	001	r.	r.
Wittering	462	04181	012	r.rr.	ir.
Watnall	354	11151	000	ir.rR	r.r
Shawbury	414	10122	000	r.r.r	r.r.r
Finningley	360	29141	000	r.tl.R-RRrrr.	r.r
Spurn Point	396			id.	ff
Leeming	257	08131	000	r.rR	rRr.r.
Tynemouth	262	09112	000	ir	rr
Carlisle	222	06121	000	rrr.r.rr.	r.rrr.r
Valley	302	00150	087	+	+
Ringway	334	06131	000	r.rrr.	rr.r.rr.
Squires Gate	318	04131	015	r.r.ir.rR	r.rr
Ronaldsway	204	00150	081	+	+
Mull of Galloway	131	00150			
Eskdalemuir	162	05101	000	rrr.r.	r.r.ir.
Prestwick	135	96121	000	r.r.	r.r.
Abbotsinch	140	04131	000	r.r.drrd.r.	+
Leuchars	171	06121	000	rrr.r.	rrr.r.
Dyce	091	09122	000	rir.	r.r.rr
Lerwick	005	02141	026	ir.	ir.r.r.
Wick	075	12102	000	r.r.	rr
Sule Skerry	010	08112			
Cape Wrath	049	09092	000	ir.rrff	rrFF
Stornoway	026	06111	018	ir.r.r.	r.r.
Benbecula	022	91141	000	r.	r.pr.
Tiree	100	02131	019	r.rd.r.rRr.	+
Aldergrove	917	00160	035	+	+
Malin	980	0013	078		
Belmullet	976	0015	093		
Birr	965	0017	117		
Dublin	969	0016	053		
Shannon	962	9717	049		
Roches Point	952	0017	139		
Valentia	953	9715	060		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

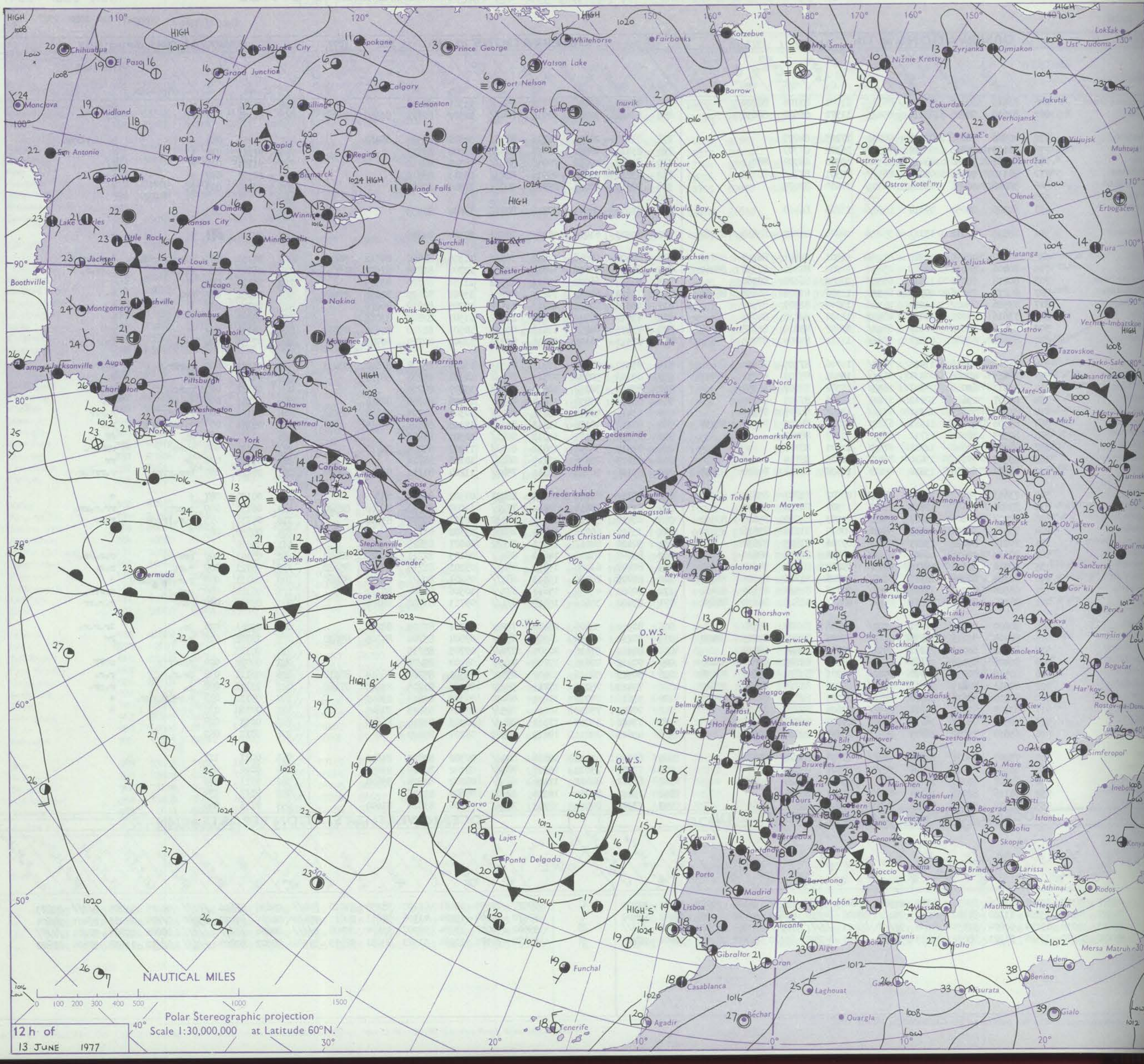
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13121	53206	98031	24709	21589	00400	/////	/////	05108	10973	30201	32804
L	99569	70200	13124	71310	97202	19210	754//	00008	85710	86620	0//10	11089	30502	24804
M	99662	10018	13124	91904	92454	20608	9////	00801	/////	/////	00209	10775	30000	/////
R	99470	70170	13124	71221	98032	15713	52502	00301	85820	83170	0//12	11417	30604	20703

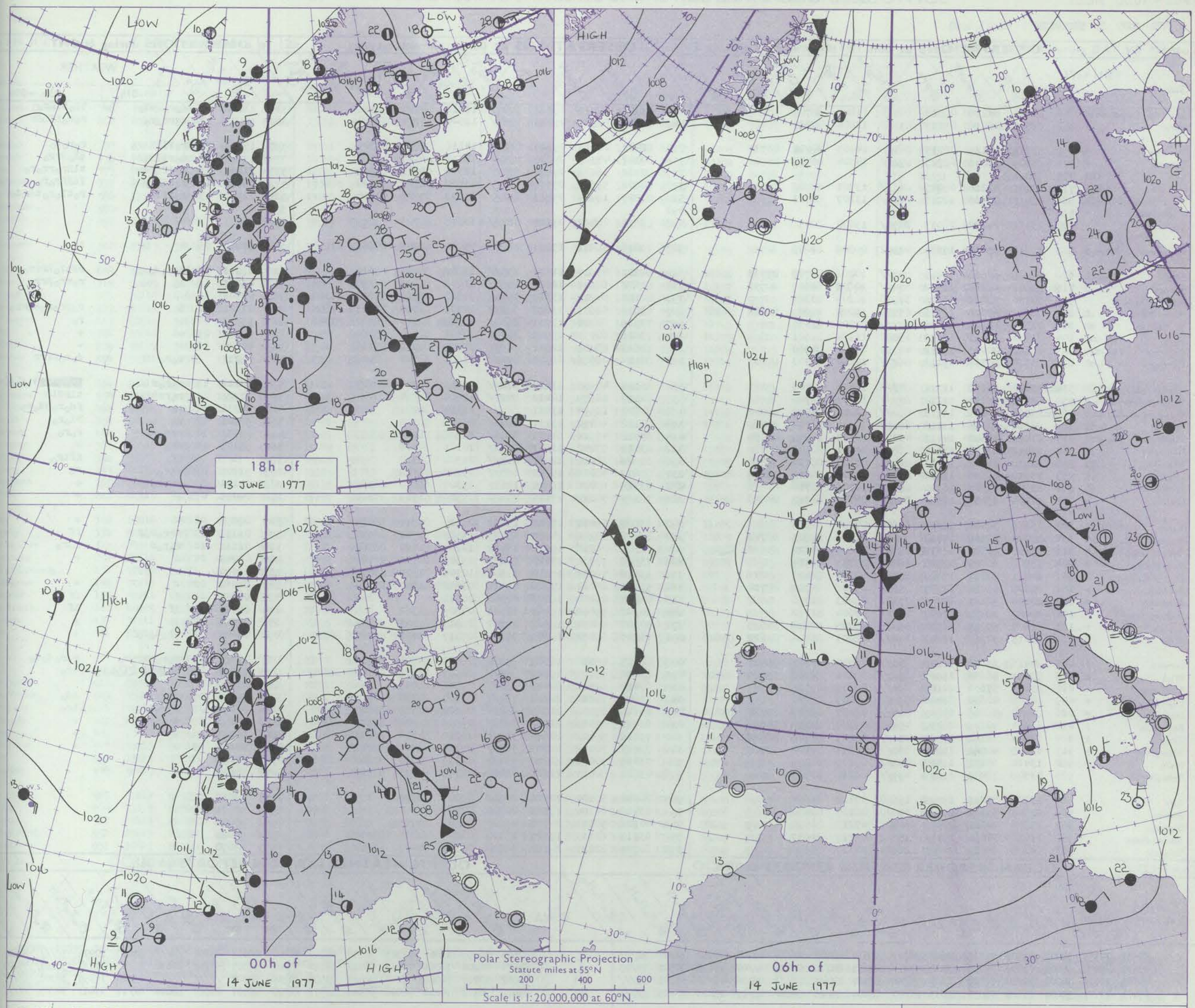
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13181	80102	98258	24010	844//	00606	88616	/////	00109	11005	3////	31803
L	99570	70200	13184	41506	98011	20811	25430	00207	81712	83360	0//09	11133	30401	24804
M	99662	10017	13184	92207	92474	20008	9////	00606	/////	/////	00008	10789	30201	/////
R	99472	70171	13184	31123	98031	17013	31501	00302	83820	/////	0//12	11418	30604	20802

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 14 JUNE 1977

A large complex low centred over France has drifted northwards and filled somewhat and a shallow depression has filled and moved south between the Azores and Portugal. Pressure has built south of Iceland and over Portugal. During the next 24 hours the complex low in the English Channel is expected to transfer to the southern North Sea. An anticyclone will persist south of Iceland giving a mainly northerly airflow over the British Isles.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V

OBSERVATIONS at 00h. 14 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83413	40216	09512	862//	11808	88705		
Hurn	862	83511	40216	09313	873//	12804	88707		
Manston	797	83319	18179	06715	861//	14003	84702	88704	
Gatwick	776	83509	30606	08715	872//	14704	86705	88706	
Kew	775								
Heathrow	772	80109	42216	09815	863//	13701	88708		
Honington	586	83416	06466	10213	860//	13207	88701		
Wattisham	590								
Gorleston	497	83416	26052	08913	8091/	13000	88458		
Aberporth	502	23615	65010	15611	00902	09308	82075		
Filton	628	80308	60586	12811	853//	10006	85708	87713	88620
Rhoose	715	83602	68216	12412	854//	10802	81615	88656	
Hartland Point	703	30120	72021	14112	30970	10209	83360		
Mount Batten	827	80112	62606	12113	6557/	11004	81625	86656	88360
St. Mawgan	817	73515	70032	14412	7085/	09303	87357		
Scilly	804	13414	70011	16511	15500	11104	81621		
Culdrose	809	43625	70031	13012	40932	07002	84360		
Guernsey	894	83514	45106	09112	862//	12804	84703	88708	
Elmdon	534	83311	36626	12911	873//	11706	88706		
Cardington	559	80112	35216	11314	873//	13001	88708		
Wittering	462	83518	20106	11213	860//	12001	85701	88702	
Watnall	354	80110	30216	13112	6622/	11703	86704	88460	
Shawbury	414	83412	45616	14411	4722/	10502	84705	88557	
Finningley	360	83412	50106	13511	862//	11501	88705		
Spurn Point	396	83518	56102	13211	864//	07207	88710		
Leeming	257	73510	56016	15311	25438	10104	82613	86360	87275
Tynemouth	262	83509	61606	16310	864//	10106	88710		
Carlisle	222	70204	65036	16510	754//	09007	83712	84616	86635
Valley	302	13606	59040	16509	15600	07204	81630		
Ringway	334	83403	20616	14312	870//	11506	83701	88702	
Squires Gate	318	83507	57606	14512	7557/	11805	84620	85640	88359
Ronaldsway	204	13606	60020	16908	16400	07303	81714		
Mull of Galloway	131	10211	70011	17609	15500	08210	81625		
Eskdalemuir	162	83608	59056	17309	864//	07208	84710	88714	
Prestwick	135	10000	50111	17705	00901	05203	81080		
Abbotsinch	140	10000	12281	17107	00901	07004	81080		
Leuchars	171	62407	59016	16809	5553/	08005	82620	85625	
Dyce	091	83015	70216	16609	853//	08003	81708	83622	88626
Lerwick	005	80416	25636	18809	870//	09710	87701	88703	
Wick	075	83611	56636	18509	852//	09001	82703	85705	86714
Sule Skerry	010	83605	57636	20809	874//	09205	88715		
Cape Wrath	049	90905	00636	20408	9////	08205	89/00		
Stornoway	026	80412	58616	20809	853//	09107	83706	85711	88616
Benbecula	022	63511	70608	20409	45430	09109	81710	84630	85360
Tiree	100	73614	62101	19409	753//	09209	84708	86622	
Aldergrove	917	63605	40041	19208	662//	07214	82704	85705	
Malin	980	13410	65101	19510	00902	09209	81075		
Belmullet	976	43508	78031	21109	404//	08210	83717		
Birr	965	13207	75011	19208	15600	07112	81634		
Dublin	969	32905	59111	18009	35600	08107	83630		
Shannon	962	13306	82021	20109	15701	07218	81650		
Roches Point	952	13310	70020	19110	15602	09217	81637		
Valentia	953	20305	84021	20608	22500	07107	82826		

OBSERVATIONS at 06h. 14 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83515	58919	09312	5727/	11618	85704	88358	
Hurn	862	80115	50929	09213	852//	12504	86704	88610	
Manston	797	81402	22619	09514	862//	14118	82704	88705	
Gatwick	776	80302	45109	09615	853//	15312	86707	88657	
Kew	775	80112	56219	09914	853//	12302	85708	88625	
Heathrow	772	80208	59619	09314	853//	13502	82707	87708	88626
Honington	586	83209	18954	09813	891//	13008	87702	88920	
Wattisham	590								
Gorleston	497	83313	08462	09314	862//	13208	88703		
Aberporth	502	73616	58011	15110	26278	09009	82703	85362	87270
Filton	628	80212	45926	11711	853//	11802	85706	88618	
Rhoose	715	83602	60612	12311	2567/	11005	82630	84358	88460
Hartland Point	703	80122	64216	13311	5543/	11303	83710	85630	87360
Mount Batten	827	83616	62806	11612	6837/	10301	81708	83825	87358
St. Mawgan	817	73516	60021	13711	2648/	09308	82710	86360	87463
Scilly	804	73613	60031	15911	38572	10501	82820	85360	
Culdrose	809	73623	62051	12511	7097/	08209	85362	87465	
Guernsey	894	80114	06586	08911	870//	11301	88700		
Elmdon	534	83506	45956	13612	872//	11215	86705	88707	
Cardington	559	80113	10979	10412	872//	12804	88704		
Wittering	462	83607	12504	13011	860//	11324	88701		
Watnall	354	80112	58052	13111	862//	09206	88705		
Shawbury	414	83411	45216	14011	6727/	11106	86705	88459	
Finningley	360	83412	57042	13311	863//	10101	88706		
Spurn Point	396	83626	32216	12011	864//	09502	88710		
Leeming	257	83617	58016	15811	863//	09106	88708		
Tynemouth	262	63518	69026	16810	1163/	09307	81830	86359	
Carlisle	222	70303	70022	17110	2548/	09308	81715	87360	
Valley	302	63608	56041	17011	15432	08210	81616	86075	
Ringway	334	83308	20286	14211	651/7	11103	82702	86650	88270
Squires Gate	318	70209	64216	15311	15572	10207	81620	86360	
Ronaldsway	204	73608	70031	17410	762//	09308	81703	87707	
Mull of Galloway	131	33616	76031	17810	12501	10306	81825	83075	
Eskdalemuir	162	53405	65011	17708	55431	07310	81715	85650	
Prestwick	135	00000	01444	18806	00900	06311			
Abbotsinch	140	10000	59054	18407	10931	07309	81362		
Leuchars	171	50000	86031	18508	28532	08317	81825	84363	
Dyce	091	73213	65052	18609	753//	08317	81706	85707	86612
Lerwick	005	80115	45216	16609	872//	08503	84705	88710	
Wick	075	83410	57606	19009	852//	08307	83703	86706	88620
Sule Skerry	010	83412	66216	20009	864//	09301	88715		
Cape Wrath	049	73608	70016	20808	764//	08304	87710		
Stornoway	026	63608	75036	21609	682//	08206	82705	83815	85630
Benbecula	022	63411	81016	21910	683//	09308	81708	83635	86640
Tiree	100	73616	59102	20810	752//	10210	84704	86616	
Aldergrove	917	73611	70022	19709	763//	07310	83708	87710	
Malin	980	73415	70031	20610	754//	09305	82714	87640	
Belmullet	976	43608	80011	21211	42400	08702	82717	83820	
Birr	965	20000	56100	20206	00902	05307	82070		
Dublin	969	03412	60100	18508	00900	07305			
Shannon	962	40108	58101	20708	46200	08306	84705		
Roches Point	952	63213	62011	19309	16401	08207	81715	86071	
Valentia	953	60209	82021	20710	68500	08301	85823	84640	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	13111	11	$r_or_ortl_o$	tl_otlRr_o
Hurn	862	14121	12	$d_orr_or_o$	r_or_oRTLRr
Manston	797	15141	14	$r_oTLHR\text{-}r_o$	$r_or_od_o$
Gatwick	776	15131	13	$r_ortlRTL$	tl_oRrr_o
Kew	775	21131	13	$r_orTLRRr$	$tlRr_orr_or_o$
Heathrow	772	16131	13	r_orTLRR	$TLRRr_or_o$
Honington	586	02121	13	r_offl	$r_otl_or_otlrd_of$
Wattisham	590				
Gorleston	497				
Aberporth	502	97100	06	+	$1r_o$
Filton	628	08111	10	$d_or_od_or_o$	$rRtl_oRrrr_o$
Rhoose	715	05111	11	r_o	$r_orr_oRrr_o$
Hartland Point	703	01102	09		
Mount Batten	827	07111	11	r_o	$r_opr_or_oRrrr_o$
St. Mawgan	817	97111	08	+	r_o
Scilly	804	00110	08	+	+
Culdrose	809	00090	10	+	+
Guernsey	894	08112		r_or_o	d_or_offrr
Elmdon	534	04111	11	r_or_or	[redacted] $r_or_otlrtlr_o$
Cardington	559	20122	12	$r_orrtl_or_o$	tlrTLR
Wittering	462	94111	11	r_o	$fd_or_oRd_or_o$
Watnall	354	97101	10	r_o	tl_or_o
Shawbury	414	03101	10	rrr_or_o	r_or_o
Finningley	360	93101	10	rr_o	+
Spurn Point	396			ff	$ffir_o$
Leeming	257	93101	08	r_or_o	r_o
Tynemouth	262	01101	09	$rrir_o$	+
Carlisle	222	00091	07	+	+
Valley	302	00090	06	+	+
Ringway	334	02111	10	rrr_or_of	ff
Squires Gate	318	01111	10	r_or_or	r_or_o
Ronaldsway	204	00080	04	+	+
Mull of Galloway	131	00070			
Eskdalemuir	162	00061	02	+	+
Prestwick	135	00031	04	f	ff
Abbotsinch	140	00021	52	if	if
Leuchars	171	00061	04	+	+
Dyce	091	02091	08	$rr_od_or_o$	+
Lerwick	005	13081	08	$r_or_orrr_or_o$	$r_or_od_od_o$
Wick	075	09081	08	rr [redacted] $RRdor_o$	ir_o
Sule Skerry	010	08072	08		
Cape Wrath	049	04071	07	rrFFid$_o$	id_o
Stornoway	026	06091	08	r_or_orr	ir_o
Benbecula	022	93091	07	pr_oir_o	+
Tiree	100	00091	08	+	+
Aldergrove	917	00070	03	+	+
Malin	980	97091	07		
Belmullet	976	97081	06		
Birr	965	97051	02		
Dublin	969	97071	02		
Shannon	962	97070	04		
Roches Point	952	97081	06		
Valentia	953	97070	03		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14001	81805	96515	22607	863//	00610	88708	/////	05407	10989	3//01	32/03
L	99570	70200	14004	71806	97025	23410	754//	00213	81712	87625	0//09	11139	30501	99/03
M	99663	10017	14004	42310	97024	20607	36340	00400	/////	/////	05106	10760	30201	/////
R	99471	70171	14004	81024	98031	18013	885//	00004	81820	88640	0//12	11408	30605	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14061	82303	94515	19810	863//	00613	88707	/////	00010	10991	3////	24803
L	99570	70200	14064	71813	97022	24310	754//	00305	81712	87630	0//10	11119	30201	99/03
M	99662	10016	14064	73008	97021	21506	76300	00309	/////	/////	05206	10756	30301	/////
R	99472	70172	14064	81026	97616	17513	885//	00501	81820	88640	0//11	11411	30705	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O, Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42209

Date of Issue WEDNESDAY 15 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 14 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70313	62016	12714	753//	11207	86707	87645	
Hurn	862	80309	59016	12315	854//	13212	85610	88615	
Manston	797	83206	25106	11615	862//	14111	85703	88704	
Gatwick	776	80207	56046	11915	863//	14008	86708	88710	
Kew	775	80307	57056	12414	873//	12105	84708	88710	
Heathrow	772	80210	57216	12514	863//	13006	81706	88707	
Honington	586	83309	41209	11713	872//	13110	85704	88705	
Wattisham	590								
Gorleston	497	82710	16104	11116	863//	14109	88706		
Aberporth	502	83617	58606	16111	5727/	10000	85705	88360	
Filton	628	80207	30626	14312	872//	11123	83705	86706	88710
Rhoose	715	80605	56216	13913	853//	12215	81709	88620	
Hartland Point	703	80118	44616	14711	852//	11108	84705	88625	
Mount Batten	827	83611	56218	13213	2537/	12111	81708	88459	
St. Mawgan	817	83614	50606	15011	6717/	10210	83702	85704	88459
Scilly	804	83618	60022	17013	854//	10207	88612		
Culdrose	809	83622	30616	13612	853//	10304	82706	83708	88630
Guernsey	894	80311	02516	11212	870//	12317	88700		
Elmdon	534	83411	40959	14411	893//	11014	85707	87709	88925
Cardington	559	80510	30919	13513	872//	13306	87705	88709	
Wittering	462	80214	30586	14112	862//	12320	82703	86704	88705
Watnall	354	80214	50059	14412	863//	10501	88709		
Shawbury	414	83412	58609	15613	853//	11301	81708	87710	88645
Finningley	360	83514	68602	15213	864//	10109	88712		
Spurn Point	396	80134	32022	12411	864//	08803	88710		
Leeming	257	80124	65022	17713	884//	08305	81710	83615	88650
Tynemouth	262	83626	61022	19310	855//	08113	88625		
Carlisle	222	60810	80022	18216	4853/	11204	82824	83628	85360
Valley	302	63616	65012	17815	36432	10202	83712	85075	
Ringway	334	80414	62952	15914	6947/	10303	83918	83625	88465
Squires Gate	318	73311	70032	16115	6567/	12301	86635		
Ronaldsway	204	70116	70022	18016	18442	09602	81818	87075	
Mull of Galloway	131	70220	82031	18516	11506	11804	81825	87275	
Eskdalemuir	162	70216	70022	19113	5847/	09104	81716	83645	87462
Prestwick	135	50211	80014	19717	58501	08101	83826		
Abbotsinch	140	40205	88031	19716	48601	07002	83836		
Leuchars	171	71111	84032	20215	5853/	09205	82822	85640	85365
Dyce	091	83321	80032	20912	854//	08208	81710	88615	
Lerwick	005	63414	65025	19711	684//	09217	82710	84813	
Wick	075	53316	82026	21713	48502	09212	84822		
Sule Skerry	010	63214	74016	22811	655//	09211	86625		
Cape Wrath	049	73604	80022	23509	784//	08208	82815	87620	
Stornoway	026	70112	82032	24210	6842/	08307	82818	86625	87460
Benbecula	022	63417	84031	24013	685//	07306	82823	86640	
Tiree	100	13516	87011	23312	18500	10110	81820		
Aldergrove	917	53513	82012	20315	51501	08000	85825		
Malin	980	13617	75011	22712	18401	09207	81814		
Belmullet	976	50117	81011	23913	525//	09208	85820		
Birr	965	70112	81021	20814	785/2	09203	85821	84631	
Dublin	969	53313	80011	19116	31502	09706	83822	83070	
Shannon	962	60113	82021	21315	686//	07801	82833	84645	
Roches Point	952	23613	65031	19616	12504	10000	81820		
Valentia	953	33617	82031	21815	32501	10102	83825		

OBSERVATIONS at 18h. 14 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80108	50516	14712	872//	12206	85704	88706	
Hurn	862	80210	56052	14114	853//	12108	86708	88612	
Manston	797	43108	40054	13016	16330	14205	81709	84360	
Gatwick	776	83508	50042	13715	863//	13204	86708	88710	
Kew	775	83605	56505	14613	873//	12109	86706	88708	
Heathrow	772	83607	42515	14513	872//	12209	85705	88707	
Honington	586	83209	14505	13412	861//	12208	88702		
Wattisham	590								
Gorleston	497	83008	24052	12615	864//	13207	88710		
Aberporth	502	83612	56216	17511	6537/	11305	82706	86650	88459
Filton	628	80507	22516	15812	872//	12208	86703	88705	
Rhoose	715	80503	57056	15613	854//	12107	81710	85614	88635
Hartland Point	703	83614	58216	15911	854//	11105	85710	88630	
Mount Batten	827	80409	65025	15115	7542/	12209	83712	87625	88460
St. Mawgan	817	83510	36586	16011	870//	11205	83701	88702	
Scilly	804	80115	50636	18011	854//	11205	88610		
Culdrose	809	80114	50616	16011	3722/	11208	83705	88518	
Guernsey	894	30311	45055	13315	15201	13213	81705		
Elmdon	534	83609	20519	15911	872//	11206	83703	85704	88711
Cardington	559	80309	30516	15112	872//	12210	86705	88708	
Wittering	462	80115	17589	15011	861//	11106	85702	88703	
Watnall	354	80108	57506	16311	863//	10214	88707		
Shawbury	414	83508	45049	16613	855//	11107	86620	88635	
Finningley	360	83615	66036	15812	864//	10302	88710		
Spurn Point	396	83633	18102	14610	864//	09308	88710		
Leeming	257	83620	62028	18711	854//	08106	85712	88620	
Tynemouth	262	83628	61026	19810	5732/	09603	85708	88458	
Carlisle	222	70712	81032	19514	48672	09205	82830	83642	86075
Valley	302	83413	65602	18213	4557/	11205	84625	88459	
Ringway	334	80314	65219	16713	855//	10209	87626	88645	
Squires Gate	318	80408	75156	17115	2567/	11108	82645	88358	
Ronaldsway	204	70311	70022	18915	11536	09309	81825	83359	87275
Mull of Galloway	131	72006	83032	19515	4857/	10305	83825	85460	
Eskdalemuir	162	50218	80012	20412	28502	07102	81825	84075	
Prestwick	135	20912	84011	20118	11602	10104	81840		
Abbotsinch	140	10811	82011	20418	18632	10309	81838		
Leuchars	171	70614	82032	21413	1567/	09207	81630	83360	87365
Dyce	091	63319	82012	22512	55470	08207	85617	84362	
Lerwick	005	73315	84032	22509	784//	06211	84815	84620	
Wick	075	73512	75022	23911	784//	09208	85818	86635	
Sule Skerry	010	23214	81011	24911	22500	09208	82820		
Cape Wrath	049	53605	80022	25509	58400	07207	83815		
Stornoway	026	70612	84022	25710	785//	07209	81825	87635	
Benbecula	022	33413	86011	25513	38500	08208	81825	83640	
Tiree	100	13518	89020	23912	15602	10103	81635		
Aldergrove	917	23517	82011	20915	11501	08400	81825		
Malin	980	23420	80030	23511	11402	09204	81815		
Belmullet	976	40118	80031	24413	42502	07001	84820		
Birr	965	60112	82022	20417	685//	08400	84823	84633	
Dublin	969	70112	82031	19817	21632	09206	82830	85070	
Shannon	962	60111	82032	20418	54602	08602	85638	83070	
Roches Point	952	70212	70031	19717	11502	09207	81823	87073	
Valentia	953	43613	82011	21415	12502	09702	81827	83070	

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	ss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	92141	000	d.	d.dd.r.
Hurn	862	97151	000	r.d.d.r.	+
Manston	797	97171	024	id.if	+
Gatwick	776	97161	001	d.	+
Kew	775	91151	000	r.d.d.id.	id.
Heathrow	772	97151	000	r.-d.r.d.r.d.	d.d.A
Honington	586	97141	000	d.fid.r.	d.id.fd.d.
Wattisham	590				
Gorleston	497		000		
Aberporth	502	01121	000	ir.r.r.	r.r.rr
Filton	628	02131	000	rr.Rd.	d.d.-d.
Rhoose	715	01151	000	r.-r.r.d.r.d.	d.
Hartland Point	703	03112	000		
Mount Batten	827	02151	000	r.rd.d.	d.
St. Mawgan	817	03121	000	rr.r.	dr
Scilly	804	04132	015	rr	rrr.r.
Culdrose	809	02122	000	ir.r.r.	r.r.ir.
Guernsey	894	93171	054	d.d.F	ir.
Elmdon	534	13121	000	r.tltl.rTLRd.	d.d.-r.d.r.
Cardington	559	15132	000	TLRd.r.d.r.	d.r.d.r.d.
Wittering	462	01131	000	d.r.r.d.tlr.	r.d.r.d.d.
Watnall	354	91131	000	ir.	ir.d.d.
Shawbury	414	05131	000	tl.rrr.	rrtl.r.
Finningley	360	97131	000	ir.d.r.	d.
Spurn Point	396			+	ff
Leeming	257	97131	000	pr.r.	r.
Tynemouth	262	01111	051	+	ir
Carlisle	222	00171	052	+	+
Valley	302	02161	009	+	ir.rrir.
Ringway	334	06151	002	rtlrRr.pr.	r.r
Squires Gate	318	97181	030	r.	r.
Ronaldsway	204	00180	090	+	+
Mull of Galloway	131	00170			
Eskdalemuir	162	00131	041	+	+
Prestwick	135	00191	124	+	+
Abbotsinch	140	00200	128	+	+
Leuchars	171	00151	063	+	+
Dyce	091	00141	030	+	+
Lerwick	005	91121	044	d.d.	+
Wick	075	00141	066	+	+
Sule Skerry	010	00110			
Cape Wrath	049	00101	046	+	+
Stornoway	026	00131	038	jp	+
Benbecula	022	00150	119	+	+
Tiree	100	00131	148	+	+
Aldergrove	917	00160	109	+	+
Malin	980	0013	108		
Belmullet	976	0015	130		
Birr	965	0017	086		
Dublin	969	0017	130		
Shannon	962	9719	105		
Roches Point	952	0019	141		
Valentia	953	0017	117		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

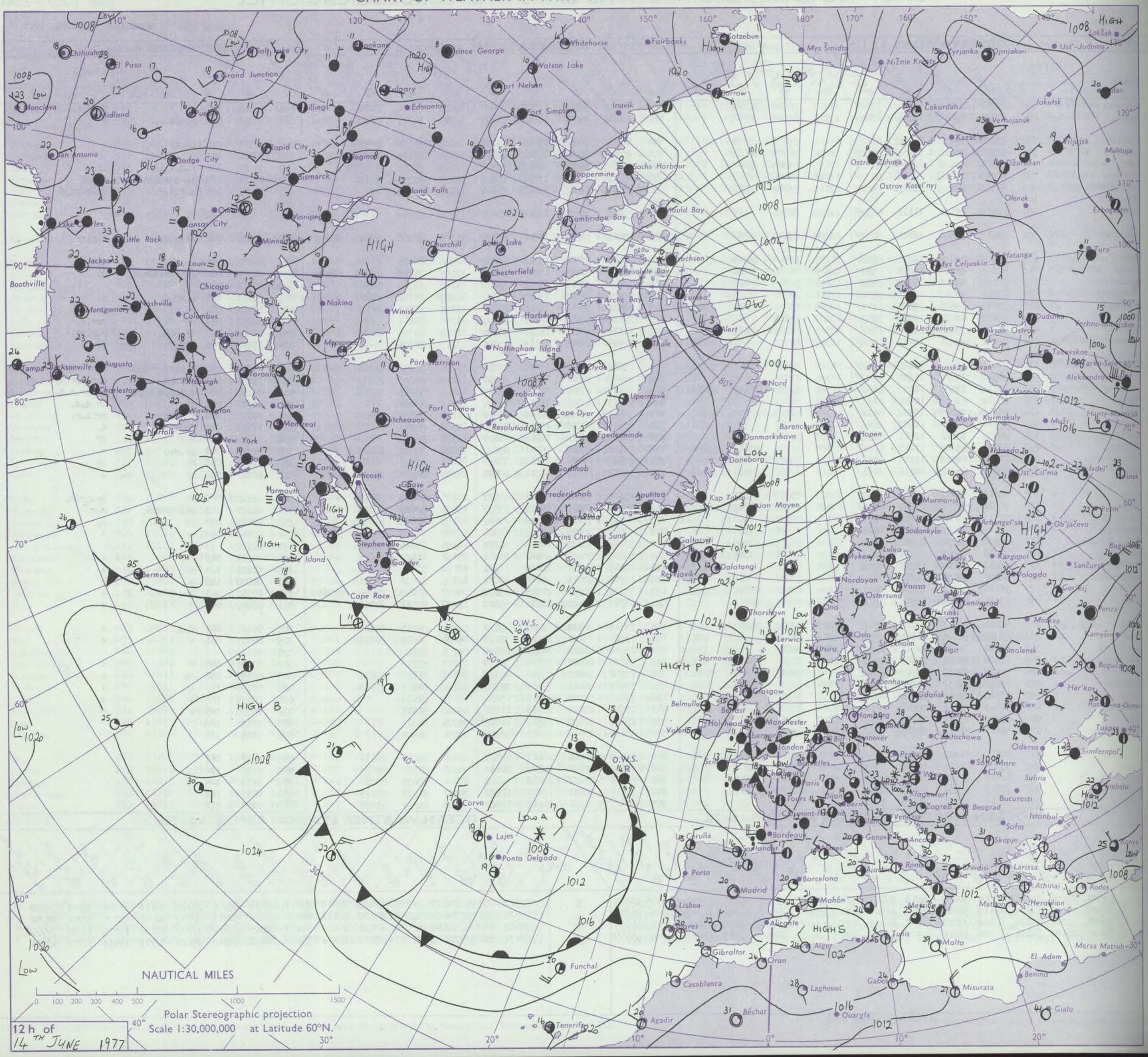
O.W.S.		$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
	C	99527	70355	14121	92004	92455	19810	9////	00602	89/07	/////	00110	10992	3////	24803
	L	99570	70200	14124	12110	98018	25811	18400	00102	81815	/////	0//08	11140	30201	24702
	M	99663	10016	14124	60000	97022	21608	26478	00803	/////	/////	00005	10801	30000	/////
	R	99470	70170	14124	81026	98026	18514	1557/	00305	81620	88360	0//13	11420	30706	/////

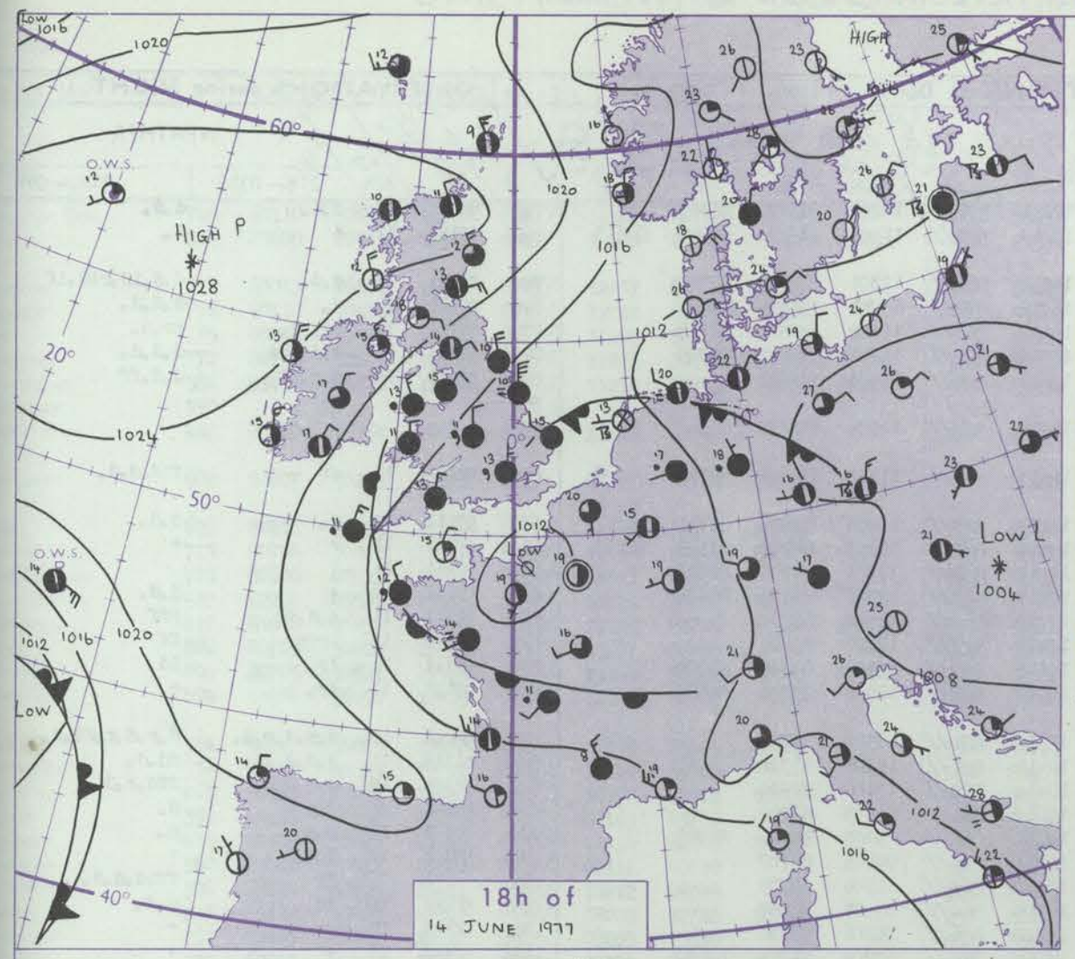
OCEAN WEATHER STATION REPORTS at 18h.

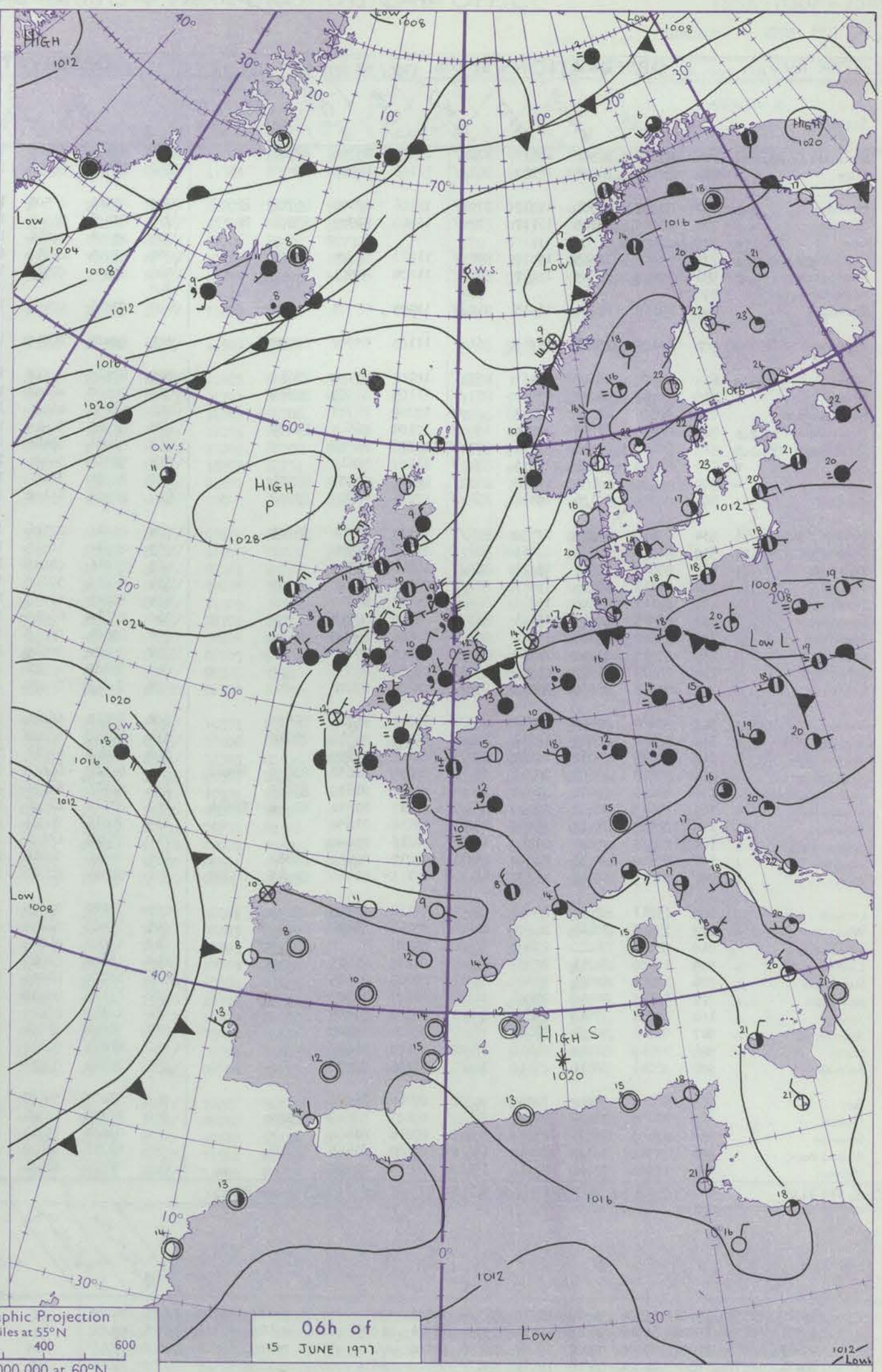
O.W.S.		$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
	C	99527	70355	14181	92106	92455	18610	9////	00610	89/06	/////	00110	11026	30201	24802
	L	99570	70199	14184	22305	99030	27112	22401	00303	82815	/////	0//08	11170	30201	99/02
	M	99663	10016	14184	80000	97022	20407	3647/	00705	/////	/////	05206	10835	30000	/////
	R	99472	70172	14184	71027	97032	18514	5847/	00102	82815	85620	0//13	11433	30706	13604

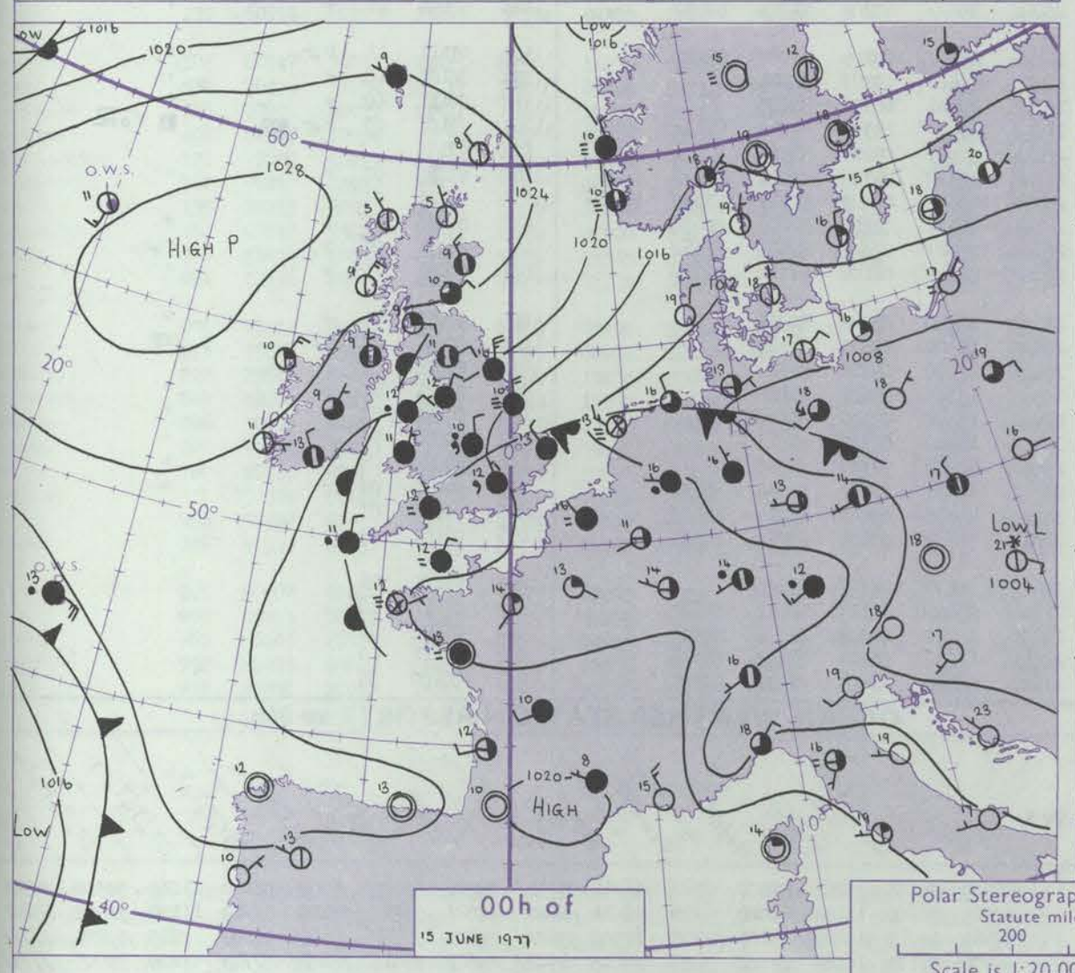
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

06h of
15 JUNE 1977

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 15 JUNE 1977

During the past 24 hours there has been little change in the pressure distribution in the neighbourhood of the British Isles. An anticyclone has remained slow-moving to the northwest of Scotland while a complex area of low pressure has persisted over northern France and Germany. During the next 24 hours the anticyclone is expected to drift slowly east towards southwest Scotland while a trough of low pressure will be maintained over northern France. The northeasterly gradient over the British Isles will strengthen somewhat as a slow rise of pressure takes place over the country.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — OBSERVATIONS at 00h. 15 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83605	58515	16611	870//	11207	85701	88705	
Hurn	862	80106	58032	16213	862//	12106	88705		
Manston	797	83007	19501	14512	870//	12106	82700	85702	88707
Gatwick	776	83605	50202	16112	872//	12210	82705	85706	88708
Kew	775								
Heathrow	772	83405	32515	16412	872//	11210	84704	88708	
Honington	586	83310	08515	14611	870//	11104	88701		
Wattisham	590								
Gorleston	497	83112	16284	13513	862//	12803	88703		
Aberporth	502	80105	25286	18311	861//	11103	85702	88705	
Filton	628	80508	50105	17411	853//	10108	83709	88613	
Rhoose	715	80407	56052	17013	853//	11105	81709	88615	
Hartland Point	703	80306	40506	17912	872//	12209	88703		
Mount Batten	827	80205	58052	17014	6542/	12109	86614	88459	
St. Mawgan	817	80107	20516	17711	870//	11207	88700		
Scilly	804	80108	50606	19111	854//	11207	88612		
Culdrose	809	80105	40106	17612	2632/	11207	82708	88523	
Guernsey	894	80308	30106	16412	861//	12211	86702	87707	
Elmdon	534	83610	25585	17710	871//	10103	83702	88703	
Cardington	559	80211	20535	16311	872//	11002	88704		
Wittering	462	83614	12516	16711	870//	10004	88700		
Watnall	354	80212	30515	17910	871//	09103	87702	88703	
Shawbury	414	80112	35046	18211	864//	09103	88710		
Finningley	360	83515	50515	18111	863//	09005	88707		
Spurn Point	396	83622	03444	17010	862//	10104	88705		
Leeming	257	83615	58042	20910	863//	09009	88709		
Tynemouth	262	83628	61022	21910	8097/	09209	88358		
Carlisle	222	70611	80032	22211	755//	08209	87622		
Valley	302	80408	57616	19412	853//	10002	85706	88628	
Ringway	334	80311	65022	18711	854//	09002	83710	88614	
Squires Gate	318	80308	75032	19612	857//	09107	88650		
Ronaldsway	204	80518	68602	20311	3562/	08205	81632	83650	88462
Mull of Galloway	131	40816	82011	21711	15605	09207	81630	83275	
Eskdalemuir	162	83615	62602	23309	884//	06213	82714	83816	88645
Prestwick	135	20912	75020	23309	15731	07114	81650		
Abbotsinch	140	20505	75031	23810	15630	08216	81640		
Leuchars	171	60409	82031	24410	25731	07217	82650	84362	
Dyce	091	73315	65052	25509	6543/	07115	81710	84615	85650
Lerwick	005	13211	82011	25108	18400	07111	81815		
Wick	075	13505	70111	26805	14500	05211	81628		
Sule Skerry	010	03203	81020	27009	00900	08208			
Cape Wrath	049	10000	84011	27108	15500	06207	81625		
Stornoway	026	13203	82021	27305	15500	05205	81625		
Benbecula	022	10105	89010	27006	11500	06107	81820		
Tiree	100	10216	87010	25609	00901	07209	81075		
Aldergrove	917	73606	80031	22709	756//	08006	87642		
Malin	980	10219	82010	24410	15602	08107	81640		
Belmullet	976	30213	80011	25110	32502	07105	83820		
Birr	965	60104	75022	22709	00902	07210	86070		
Dublin	969	83409	80606	21012	3562/	09103	83640	88459	
Shannon	962	13609	82021	23210	10932	07214	81460		
Roches Point	952	73311	70022	20913	15602	09008	81645	87073	
Valentia	953	10806	82021	22911	15602	09213	81635		

OBSERVATIONS at 06h. 15 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83406	57105	17111	871//	10203	85702	88705	
Hurn	862	83506	58035	17012	853//	11305	81706	85708	88615
Manston	797	83311	20505	14712	860//	12301	83701	88702	
Gatwick	776	83406	28505	16012	871//	12701	82702	88703	
Kew	775	83606	40216	16512	862//	11302	85705	88708	
Heathrow	772	83405	28515	16512	872//	11201	86703	88705	
Honington	586	83414	07514	15611	870//	11306	88700		
Wattisham	590								
Gorleston	497	93516	00454	14712	9////	12204	89/00		
Aberporth	502	80405	19515	18611	861//	11302	84702	88704	
Filton	628	80510	25515	18111	873//	10204	87706	88711	
Rhoose	715	80507	46052	17811	852//	10203	81705	83708	88612
Hartland Point	703	80408	40025	17912	852//	12501	84705	88625	
Mount Batten	827	80905	30515	17213	853//	12301	86708	88630	
St. Mawgan	817	80206	03445	17712	860//	12500	88700		
Scilly	804	90305	06476	18412	9////	12400	89/00		
Culdrose	809	80000	35105	17512	863//	12301	83706	88709	
Guernsey	894	80105	15102	16912	851//	12304	83702	87628	
Elmdon	534	80210	22106	18510	871//	10307	88702		
Cardington	559	80310	12515	17411	871//	11306	88702		
Wittering	462	80216	07585	17410	870//	10106	88700		
Watnall	354	80213	30205	19010	861//	09309	88702		
Shawbury	414	83608	56045	19011	863//	09305	84706	88708	
Finningley	360	83614	63015	19211	863//	09305	88707		
Spurn Point	396	83624	06515	18010	862//	10304	88703		
Leeming	257	83620	50515	21709	862//	09501	88705		
Tynemouth	262	80130	69022	22709	856//	09206	88630		
Carlisle	222	70612	70022	23010	754//	07208	81714	87622	
Valley	302	80312	66026	20112	853//	09205	81707	88620	
Ringway	334	80407	60022	19411	864//	09207	88711		
Squires Gate	318	40707	65011	20212	25631	10307	82635		
Ronaldsway	204	80508	66606	21010	3542/	08309	81710	83632	88459
Mull of Galloway	131	80815	84031	22411	8092/	08206	88460		
Eskdalemuir	162	83612	62026	24008	854//	06305	85710	88637	
Prestwick	135	70616	70021	23910	1547/	06303	81712	83359	85365
Abbotsinch	140	70709	65021	24411	754//	08303	82616	87656	
Leuchars	171	70410	70216	25109	2547/	07305	82618	87360	
Dyce	091	83414	80022	26009	864//	06106	81710	88714	
Lerwick	005	33112	82020	25609	38400	08302	82815		
Wick	075	13408	82284	26809	12400	09305	81818		
Sule Skerry	010	13002	81020	26209	12500	09710	81820		
Cape Wrath	049	13602	82020	27509	18500	08202	81820		
Stornoway	026	13304	86030	27608	15500	07500	81625		
Benbecula	022	10108	89030	27109	16400	08301	81711		
Tiree	100	10314	87020	25510	10930	08303	81360		
Aldergrove	917	70614	75031	23011	16431	07303	81712	86358	
Malin	980	40214	80011	24210	45400	09500	81714	83640	
Belmullet	976	70314	82031	24611	785//	07603	85820	84640	
Birr	965	73205	56102	22608	756//	07302	87636		
Dublin	969	80312	68026	21711	864//	09304	86712	88625	
Shannon	962	43608	75011	22508	10932	06702	81358	84070	
Roches Point	952	83211	70022	20511	1567/	08804	81645	88458	
Valentia	953	70508	82031	21611	28502	08503	81821	87070	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	92101	10	d.d.	d.d.
Hurn	862	97111	11	+	d.
Manston	797	03121	12	d.d.	d.d.id.rid.if
Gatwick	776	97111	11	d.	d.d.d.
Kew	775	97111	11	id.ir.	ir.d.
Heathrow	772	97111	11	d.d.ddd.	d.d.d.
Honington	586	92111	11	d.d.ff	d.d.ff
Wattisham	590				
Gorleston	497				
Aberporth	502	92111	11	ff	fid.d.d.
Filton	628	97111	10	d.	d.d.
Rhoose	715	00111	11	+	+
Hartland Point	703	97111	11		
Mount Batten	827	97131	12	+	d.d.
St. Mawgan	817	97111	11	d.d.f	Fff
Scilly	804	01112	11	rrir	ff
Culdrose	809	97111	11	ir.	id.
Guernsey	894	97121	11	ir.	+
Elmdon	534	95091	10	d.r.d.r.d.	d.r.d.r.fd.d.
Cardington	559	01101	11	d.d.d	dd.d.
Wittering	462	95101	10	d.r.d.d.	ffd.r.d
Watnall	354	97091	09	d.d.	d.
Shawbury	414	97101	10	r.d.	d.
Finningley	360	97101	10	d.d.	+
Spurn Point	396			ff	ffid.d.d.
Leeming	257	92091	09	id.	d.d.
Tynemouth	262	00091	09	+	+
Carlisle	222	00091	08	+	+
Valley	302	03111	11	r.r.	r.
Ringway	334	00101	10	+	+
Squires Gate	318	00111	10	+	+
Ronaldsway	204	07101	09	r.r.[redacted]	[redacted] r.R
Mull of Galloway	131	97101			
Eskdalemuir	162	97[redacted]1	07	r.	+
Prestwick	135	00101	08	+	+
Abbotsinch	140	00090	05	+	+
Leuchars	171	01081	08	r.	r.r.
Dyce	091	00081	08	+	+
Lerwick	005	00061	03	+	+
Wick	075	00031	00	ff	ff
Sule Skerry	010	00070	05		
Cape Wrath	049	00071	02	+	+
Stornoway	026	00041	51	+	+
Benbecula	022	00040	53	+	+
Tiree	100	00080	06	+	+
Aldergrove	917	00080	04	+	+
Malin	980	00101	07		
Belmullet	976	00101	08		
Birr	965	97071	06		
Dublin	969	01111	10		
Shannon	962	97080	06		
Roches Point	952	00111	10		
Valentia	953	00100	08		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15001	82106	96516	18210	863//	00501	88708	/////	00110	11029	3//01	24/03
L	99571	70199	15004	11916	98010	27111	00904	41701	81075	/////	0//10	11184	30501	99/02
M	99663	10015	15004	73501	97022	19007	26470	00706	/////	/////	05205	10801	30000	/////
R	99471	70171	15004	81024	96616	18913	854//	00400	88615	/////	0//13	11409	30707	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15061	81807	97616	16210	8732/	00806	86708	/////	00110	11018	30302	24803
L	99568	70200	15064	62012	99031	26911	11401	00301	81814	85082	0//10	11152	30502	23602
M	99663	10015	15064	83108	97022	17907	862//	00400	/////	/////	05107	10815	30201	/////
R	99472	70172	15064	81022	96216	18013	6542/	00602	86613	88458	0//13	11424	30707	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

No. 42210

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue THURSDAY 16 JUNE 1977

Code FM 11.V OBSERVATIONS at 12h. 15 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80110	50055	18812	862//	11108	86703	88705	
Hurn	862	83608	28515	18713	852//	12209	82704	87706	88610
Manston	797	83313	16516	16613	870//	12207	83701	88702	
Gatwick	776	80110	30515	18013	872//	12212	83703	88704	
Kew	775	80208	56505	18712	872//	11209	88705		
Heathrow	772	80110	50205	18613	872//	11210	84704	88705	
Honington	586	83417	40516	17912	871//	11210	82702	86703	88704
Wattisham	590								
Gorleston	497	83620	15284	16612	862//	12210	88703		
Aberporth	502	80807	50205	20613	862//	12107	81704	86706	88710
Filton	628	80411	24205	19912	862//	11108	83704	88706	
Rhoose	715	80706	30202	19912	872//	11110	82704	86705	88707
Hartland Point	703	80606	40022	19812	862//	12211	88705		
Mount Batten	827	82206	45505	19513	853//	12112	84707	88612	
St. Mawgan	817	83606	56054	19314	853//	12209	83706	85610	88624
Scilly	804	80703	50024	20016	863//	15207	88708		
Culdrose	809	80705	10514	19513	870//	13310	82700	86704	88707
Guernsey	894	63504	56052	18915	613/2	12107	82708	86812	
Elmdon	534	80210	56025	20512	862//	10008	83705	88707	
Cardington	559	80412	40515	19711	873//	11210	85706	88708	
Wittering	462	80116	48056	19611	862//	10107	86703	88704	
Watnall	354	80214	57052	21011	863//	09109	83706	88707	
Shawbury	414	80209	57042	21213	863//	11210	82708	88710	
Finningley	360	83612	70012	21512	864//	09111	88710		
Spurn Point	396	83624	50216	20411	863//	10212	88708		
Leeming	257	80119	65025	23511	863//	08203	82708	88712	
Tynemouth	262	83623	66022	24710	856//	08208	88630		
Carlisle	222	60914	82022	23815	58532	09302	82825	84632	
Valley	302	80517	70032	21615	855//	11207	88622		
Ringway	334	70316	61032	21713	764//	09208	81712	87716	
Squires Gate	318	70906	62021	21517	784//	14104	82818	86627	
Ronaldsway	204	80509	70036	22115	885//	10203	81820	88656	
Mull of Galloway	131	70000	82299	23515	3557/	11400	83625	87460	
Eskdalemuir	162	70219	82032	25511	785//	06206	85825	87650	
Prestwick	135	70715	82022	24913	3553/	06000	81625	83650	87362
Abbotsinch	140	80910	75022	25713	4547/	07000	81616	83650	88460
Leuchars	171	71014	84032	26511	5853/	08305	81820	85657	87359
Dyce	091	53616	84021	26813	45430	07203	84619		
Lerwick	005	73212	82031	26913	784//	07004	83818	84630	
Wick	075	73610	89021	27813	785//	08000	82822	86630	
Sule Skerry	010	73606	66011	28812	755//	10205	87625		
Cape Wrath	049	43204	81030	28811	38501	10204	81825		
Stornoway	026	50609	84011	28713	58500	10102	81820	83623	
Benbecula	022	10315	89020	27915	18401	09001	81818		
Tiree	100	10115	89020	26313	00902	10000	81070		
Aldergrove	917	80514	80022	24112	2543/	07801	81618	88360	
Malin	980	50309	81011	25311	18530	09000	81820	85359	
Belmullet	976	40319	80031	24813	18532	09000	81820	83072	
Birr	965	80307	60606	22912	5647/	10202	83715	83636	88459
Dublin	969	80413	70022	23011	864//	08105	86711	88625	
Shannon	962	80606	80021	22714	6542/	09702	81718	86645	88458
Roches Point	952	80205	65022	21413	4647/	10105	83717	88458	
Valentia	953	80308	80022	22013	1647/	10102	81718	88358	

OBSERVATIONS at 18h. 15 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80210	30505	19412	861//	11001	83702	88703	
Hurn	862	80311	32055	19113	863//	11301	87708	88710	
Manston	797	83414	17515	17213	871//	12205	84702	88703	
Gatwick	776	83608	32502	18812	872//	12205	84705	88706	
Kew	775	80109	58056	19612	863//	10206	85708	88710	
Heathrow	772	80314	58056	19612	873//	10208	86707	88709	
Honington	586	83514	56205	19311	872//	10308	83703	88705	
Wattisham	590								
Gorleston	497	83516	40102	18013	862//	11208	88703		
Aberporth	502	80408	40052	20514	863//	12500	88707		
Filton	628	80411	28052	20212	863//	11000	85706	88709	
Rhoose	715	80608	42055	20113	854//	11301	84710	88612	
Hartland Point	703	80610	58022	19613	863//	12000	88706		
Mount Batten	827	82305	35515	19713	872//	12105	88705		
St. Mawgan	817	82404	08506	19513	870//	13002	82700	84701	88702
Scilly	804	80000	12102	19914	861//	13802	88702		
Culdrose	809	80000	30055	19414	852//	12801	82704	86708	88618
Guernsey	894	63605	56051	19213	653//	11001	82706	84612	
Elmdon	534	80211	58042	21112	863//	09105	88709		
Cardington	559	80413	59205	20211	862//	11105	86704	88708	
Wittering	462	80217	58056	20511	863//	09103	83707	88708	
Watnall	354	80214	62022	21911	864//	09205	88710		
Shawbury	414	80407	58042	21513	864//	11205	88712		
Finningley	360	83615	70022	21911	854//	08105	85714	88628	
Spurn Point	396	83621	58216	21110	853//	08109	85708	88630	
Leeming	257	80117	60022	24310	854//	08105	88612		
Tynemouth	262	83620	66022	25310	856//	08305	88630		
Carlisle	222	21013	83011	24413	28630	08302	81830		
Valley	302	70209	70012	21515	1558/	10301	81625	87358	
Ringway	334	70413	62212	22112	6848/	08106	81818	86645	86358
Squires Gate	318	61209	62012	21816	6568/	12303	81635	86656	
Ronaldsway	204	20414	80031	22315	18501	09301	81825		
Mull of Galloway	131	31116	82019	23013	30911	10501	83460		
Eskdalemuir	162	10118	82011	25011	11630	05201	81830		
Prestwick	135	20716	84021	24615	10931	06701	81362		
Abbotsinch	140	40613	80021	25414	11570	08001	81820	83360	
Leuchars	171	41012	80021	26311	16430	08501	81712	84362	
Dyce	091	63614	84032	26713	65400	08602	86616		
Lerwick	005	73313	84022	26812	784//	06801	81818	87635	
Wick	075	70110	89022	27511	785//	08803	82822	86635	
Sule Skerry	010	73206	85022	28512	755//	09803	87625		
Cape Wrath	049	20507	82011	28210	15630	10705	81630		
Stornoway	026	10414	84011	28311	11500	08601	81825		
Benbecula	022	10115	89020	27114	11500	10803	81820		
Tiree	100	13617	89010	25213	15702	10707	81650		
Aldergrove	917	70609	80022	23615	4577/	08804	84656	87360	
Malin	980	70000	86036	24911	3567/	09704	83648	87459	
Belmullet	976	70414	72021	23912	4543/	09705	81719	83640	87358
Birr	965	80509	75026	22213	6647/	10707	86716	88459	
Dublin	969	80312	75022	22612	2567/	09702	82630	88458	
Shannon	962	80406	62102	22213	864//	10803	83714	88717	
Roches Point	952	80506	58102	21113	864//	11501	88718		
Valentia	953	80511	75022	21214	885//	11805	83823	88643	

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97121	000	d.d1d.	1d.r.d.
Hurn	862	97141	000	d.d.	d.
Manston	797	91131	000	d.d.ff	d.d.
Gatwick	776	97131	000	d.d.	d.r
Kew	775	97131	000	d.[redacted]-d.d.-r.	1d.
Heathrow	772	97131	000	d.d.	d.-d.r.-1d.
Honington	586	97121	000	d.d.r.d.	1r.
Wattisham	590				
Gorleston	497		000		
Aberporth	502	97141	000	1d.	+
Filton	628	97131	000	d.d.	d.-d.r.
Rhoose	715	97131	000	d.d.1d.	+
Hartland Point	703	00130	000		
Mount Batten	827	97141	000	d.d.	d.d.ff
St. Mawgan	817	91151	000	r.d.	d.d.ffF
Scilly	804	00161	003	ff	F
Culdrose	809	91141	000	1d.d.d.f	+
Guernsey	894	00161	021	+	+
Elmdon	534	00121	000	+	+
Cardington	559	91121	000	d.d.	1d.r.
Wittering	462	97121	000	r.	r.
Watnall	354	97121	000	+	1r.
Shawbury	414	00141	000	+	+
Finningley	360	00131	000	+	+
Spurn Point	396			1r.	1r.
Leeming	257	00121	000	+	+
Tynemouth	262	00101	000	+	+
Carlisle	222	00150	063	+	+
Valley	302	00171	012	+	+
Ringway	334	97151	013	+	r.
Squires Gate	318	00190	059	+	+
Ronaldsway	204	00171	041	+	+
Mull of Galloway	131	00160			
Eskdalemuir	162	00131	079	+	+
Prestwick	135	00181	046	+	+
Abbotsinch	140	00160	031	+	+
Leuchars	171	00131	048	+	+
Dyce	091	00141	088	+	+
Lerwick	005	00141	089	+	+
Wick	075	00151	073	+	+
Sule Skerry	010	00130			
Cape Wrath	049	00120	144	+	+
Stornoway	026	00131	162	+	+
Benbecula	022	00170	167	+	+
Tiree	100	00150	157	+	+
Aldergrove	917	00150	000	+	+
Malin	980	9713	043		
Belmullet	976	0014	053		
Birr	965	9713	000		
Dublin	969	0012	000		
Shannon	962	0014	001		
Roches Point	952	0014	000		
Valentia	953	0016	001		

Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

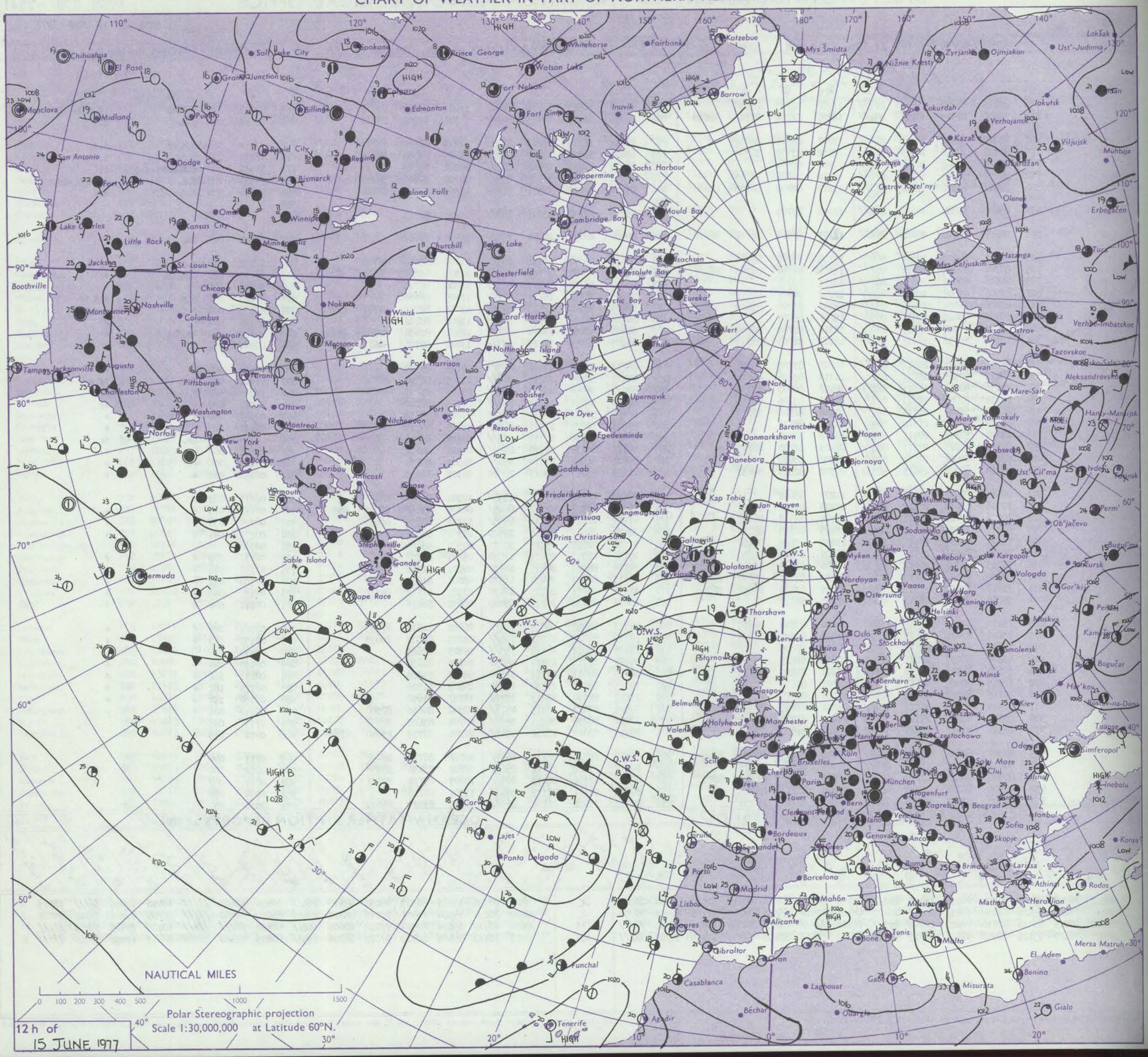
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15121	81908	94286	17010	863//	00206	88707	/////	00210	11019	30302	26803
L	99569	70200	15124	21810	99011	28511	21401	00108	82818	/////	0//09	11176	30401	99/02
M	99661	10019	15124	82710	97022	19908	863//	00206	/////	/////	00006	10824	30301	/////
R	99470	70170	15124	80919	97016	18913	6542/	00102	86613	88458	0//13	11415	30707	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15181	82303	98035	18610	855//	00210	88620	/////	00010	11056	3////	17903
L	99569	70199	15184	11907	99010	28312	11401	00602	81818	/////	0//08	11211	30401	24702
M	99661	10019	15184	82514	97022	20608	862//	00400	/////	/////	00108	10805	30403	/////
R	99471	70172	15184	80918	97022	18214	1557/	00803	81620	88360	0//13	11421	30706	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 16 JUNE 1977

During the past 24 hours an anticyclone remained slow-moving to the northwest of the British Isles whilst a weak warm front moved westwards over southern districts. During the next 24 hours the anticyclone to the northwest is expected to persist, maintaining a weak ridge of high pressure over the British Isles.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — **OBSERVATIONS at 00h.** 16 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80412	50056	20810	862//	09203	88704		
Hurn	862	80208	50205	20311	863//	11103	87707	88709	
Manston	797	83614	12515	19011	870//	11204	88701		
Gatwick	776	80310	22506	20111	872//	11104	88703		
Kew	775								
Heathrow	772	80211	57205	20911	862//	10105	83704	88705	
Honington	586	83513	57205	20510	873//	09103	88707		
Wattisham	590								
Gorleston	497	83518	64022	19112	855//	09400	88625		
Aberporth	502	80708	60052	21713	854//	11208	81710	84620	88640
Filton	628	80409	25206	21711	862//	10302	81703	86706	88712
Rhoose	715	80610	56052	21211	863//	10302	86707	88710	
Hartland Point	703	81010	56022	20713	864//	11103	88711		
Mount Batten	827	80804	25205	20413	872//	12602	86704	88709	
St. Mawgan	817	81105	14505	20412	870//	12102	84700	88701	
Scilly	804	91014	01454	20812	9////	12204	89/00		
Culdrose	809	81005	20102	20112	860//	11000	86700	88704	
Guernsey	894	80212	06444	19512	860//	12601	88700		
Elmdon	534	80309	64602	22510	873//	08002	81708	88710	
Cardington	559	80513	68026	21810	863//	09104	88708		
Wittering	462	80214	57026	22010	863//	08104	88708		
Watnall	354	80310	60216	23009	863//	07001	88708		
Shawbury	414	80104	50602	22711	854//	10001	83710	88625	
Finningley	360	83611	75022	23310	854//	07104	88614		
Spurn Point	396	83623	68022	22609	855//	09002	88625		
Leeming	257	80114	66032	25309	854//	07206	85710	88612	
Tynemouth	262	73620	69022	26009	756//	07602	87630		
Carlisle	222	50607	80031	26008	45401	06107	81712	84618	
Valley	302	80612	65032	22214	856//	09102	88640		
Ringway	334	70405	70022	23310	1577/	07304	81650	87357	
Squires Gate	318	11005	60011	23908	15700	07206	81650		
Ronaldsway	204	10412	82020	23610	15800	07105	81657		
Mull of Galloway	131	70920	86031	24710	756//	08210	87630		
Eskdalemuir	162	33609	80011	26607	36400	05003	83710		
Prestwick	135	20813	80020	26009	15631	06004	81630		
Abbotsinch	140	50808	65041	27010	26430	08106	82714	84358	
Leuchars	171	20000	70110	27108	15531	07801	81620		
Dyce	091	73312	82011	27509	755//	05000	87622		
Lerwick	005	73509	82021	27209	754//	07601	81715	87623	
Wick	075	73606	84022	28510	755//	06002	85627	87640	
Sule Skerry	010	80000	85022	29211	855//	07203	88625		
Cape Wrath	049	60905	84031	29109	655//	07102	85625		
Stornoway	026	13410	82030	28808	15601	07101	81630		
Benbecula	022	10413	89030	27609	00902	07400	81075		
Tiree	100	10409	80010	26009	15701	08103	81650		
Aldergrove	917	70807	75022	25012	756//	06208	87642		
Malin	980	70913	86022	25512	5567/	09103	85649	87459	
Belmullet	976	80409	69216	23912	4547/	10701	81717	84638	88458
Birr	965	80508	75022	22312	7557/	10001	87625	88459	
Dublin	969	70407	65022	23211	756//	09802	84630	87650	
Shannon	962	80402	65026	22213	855//	11702	88620		
Roches Point	952	80303	16586	21712	862//	12000	88704		
Valentia	953	80605	75022	21213	856//	11802	88630		

OBSERVATIONS at 06h. 16 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80411	60022	19809	863//	07501	88706		
Hurn	862	80308	12515	19410	872//	10101	86704	88706	
Manston	797	83615	58025	18311	863//	10003	88708		
Gatwick	776	80211	56105	19410	862//	09302	84705	88706	
Kew	775	70210	65025	20110	764//	07500	87712		
Heathrow	772	80211	65022	20110	854//	08000	87710	88612	
Honington	586	73614	70012	19910	764//	08302	87710		
Wattisham	590								
Gorleston	497	83624	58022	18712	855//	09301	88625		
Aberporth	502	80909	62052	20711	855//	09500	87620	88635	
Filton	628	80510	50052	20710	853//	08501	83708	86712	88618
Rhoose	715	80712	57058	20010	854//	08501	84711	88618	
Hartland Point	703	80808	56022	19811	864//	11603	88710		
Mount Batten	827	80904	20515	19211	872//	11603	85703	88705	
St. Mawgan	817	81103	12285	18912	860//	12604	86701	88705	
Scilly	804	91103	06505	19212	9////	12716	89/00		
Culdrose	809	80905	07515	18811	870//	11503	88700		
Guernsey	894	80506	05465	18311	860//	11504	88700		
Elmdon	534	70409	62046	21909	763//	07302	87709		
Cardington	559	80514	64025	21109	854//	09500	86710	88618	
Wittering	462	80214	60022	21409	863//	08400	88708		
Watnall	354	70310	64022	22509	763//	07004	87709		
Shawbury	414	80102	50046	22110	853//	09302	81706	84635	88645
Finningley	360	73612	81012	22610	754//	07802	82711	87614	
Spurn Point	396	70119	68012	22009	754//	08500	84715	87625	
Leeming	257	80114	68022	24209	854//	07501	88612		
Tynemouth	262	80120	69021	25109	855//	08000	88625		
Carlisle	222	10808	81021	24909	18401	06301	81817		
Valley	302	70616	65021	20911	756//	06605	87630		
Ringway	334	10611	64011	22410	15440	06400	81715		
Squires Gate	318	10707	67020	23009	15700	07701	81650		
Ronaldsway	204	20714	82020	22810	16441	07703	81713		
Mull of Galloway	131	10920	84011	23810	11501	08605	81825		
Eskdalemuir	162	30114	81031	25308	36400	05702	83710		
Prestwick	135	30707	82020	25509	15531	06500	81620	83080	
Abbotsinch	140	60806	70011	25810	684//	07501	81816	86624	
Leuchars	171	10304	84021	26209	18400	06702	81815		
Dyce	091	83313	84031	26209	854//	06502	88618		
Lerwick	005	83309	81022	25310	853//	09707	81708	88628	
Wick	075	73507	89022	26810	755//	06704	82622	87632	
Sule Skerry	010	83205	84022	27010	855//	08712	88625		
Cape Wrath	049	80902	89032	27509	855//	06804	88625		
Stornoway	026	70611	86021	27711	755//	06603	87626		
Benbecula	022	10417	89020	26811	11400	09703	81817		
Tiree	100	10404	85030	26011	15701	09400	81656		
Aldergrove	917	50608	70031	24409	16432	07500	81712	84075	
Malin	980	80914	88022	24511	1567/	09301	81640	88458	
Belmullet	976	80413	74606	22812	8097/	11705	88458		
Birr	965	60510	66032	21811	35532	10601	83625	84070	
Dublin	969	60610	70031	22311	45432	09602	82712	84650	
Shannon	962	80406	75022	21312	855//	09301	88623		
Roches Point	952	80608	58106	20413	864//	12802	88718		
Valentia	953	80000	20219	20312	861//	12603	82702	88716	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97091	09	d.	+
Hurn	862	97101	10	d.	d.d.
Manston	797	97111	11	d.d.	+
Gatwick	776	97101	10	d.d.	d.d.
Kew	775	97101	10	id.	id.
Heathrow	772	97101	10	d.	+
Honington	586	97101	10	id.	+
Wattisham	590				
Gorleston	497				
Aberporth	502	92101	10	+	ir.
Filton	628	97101	09	d.r.d.d.	+
Rhoose	715	03101	09	pr.	pr.prpr.
Hartland Point	703	00110	11		
Mount Batten	827	91111	12	d.d.	d.d.
St. Mawgan	817	97121	11	fid.	F
Scilly	804	93121	12	ff	rfir.id.
Culdrose	809	02111	11	id.d.d.	d.d.f
Guernsey	894	97111	10	ffFF	d.d.ff
Elmdon	534	97091	09	r.	+
Cardington	559	97091	09	id.	id.
Wittering	462	00091	08	+	+
Watnall	354	97081	08	r.	+
Shawbury	414	97091	09	r.	+
Finningley	360	00091	09	+	+
Spurn Point	396			+	+
Leeming	257	00091	09	+	+
Tynemouth	262	00091	07	+	+
Carlisle	222	00070	04	+	+
Valley	302	00111	10	+	+
Ringway	334	00091	07	+	+
Squires Gate	318	00060	04	+	+
Ronaldsway	204	00090	07	+	+
Mull of Galloway	131	00080			
Eskdalemuir	162	00061	04	+	+
Prestwick	135	00071	04	+	+
Abbotsinch	140	00060	02	+	+
Leuchars	171	00051	00	+	+
Dyce	091	00080	05	+	+
Lerwick	005	00091	08	+	+
Wick	075	00091	08	+	+
Sule Skerry	010	00080	08	+	+
Cape Wrath	049	00080	08	+	+
Stornoway	026	00081	06	+	+
Benbecula	022	00080	07	+	+
Tiree	100	00060	00	+	+
Aldergrove	917	00070	04	+	+
Malin	980	00111	10		
Belmullet	976	02111	11		
Birr	965	00091	08		
Dublin	969	00101	08		
Shannon	962	97120	12		
Roches Point	952	95121	12		
Valentia	953	01121	11		

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16001	92902	92455	20609	9////	00212	89/05	/////	05210	11034	3////	17/02
L	99570	70199	16004	11908	99030	29211	18401	51104	81818	/////	0//08	11196	30201	24702
M	99661	10020	16004	72517	97502	19608	76200	00710	/////	/////	00006	10800	30504	/////
R	99471	70172	16004	80817	98216	18213	885//	00000	81820	87633	0//13	11408	30705	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16061	80203	96515	21209	863//	00302	/////	/////	05209	11043	3////	27904
L	99569	70202	16064	41506	99030	28011	18531	00606	81820	83073	0//09	11162	30201	24702
M	99661	10020	16064	82712	97025	19507	862//	00205	/////	/////	05206	10800	30403	/////
R	99472	70174	16064	80818	97606	17013	2257/	00502	82820	88460	0//13	11417	30704	13603

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42211

Date of Issue FRIDAY 17 JUNE 1977

OBSERVATIONS at 12h. 16 JUNE 1977

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70313	70032	19115	31602	09806	83830	87078	
Hurn	862	40508	62015	18917	25702	10707	82656	83075	
Manston	797	20219	68011	18615	16480	11601	81711		
Gatwick	776	40312	68021	19017	18581	11604	81828	83075	
Kew	775	20310	72021	19716	11501	10805	81825		
Heathrow	772	20214	70011	19716	11501	09805	81825		
Honington	586	53613	78032	20114	58532	09801	81820	85624	
Wattisham	590								
Gorleston	497	80126	60022	19412	855//	09104	88625		
Aberporth	502	70509	70016	20114	58672	11708	83830	84650	
Filton	628	60414	65022	19915	18501	11806	81825	85080	
Rhoose	715	70913	65022	19515	12501	11707	81825	87075	
Hartland Point	703	80807	60022	19512	854//	10802	85712	88635	
Mount Batten	827	80906	57025	19012	853//	11703	87706	88610	
St. Mawgan	817	81206	45205	18713	863//	11803	86706	88708	
Scilly	804	81010	15616	19112	871//	12803	88702		
Culdrose	809	80809	40205	18512	862//	11804	84703	88705	
Guernsey	894	80611	05465	18211	870//	11801	88700		
Elmdon	534	60312	66012	21314	6853/	09807	82820	85645	
Cardington	559	60617	78012	20815	48431	12706	83715	84620	
Wittering	462	40316	80021	21315	48401	09803	83818		
Watnall	354	60314	81012	21815	68531	09805	83824	85645	
Shawbury	414	30807	66011	21416	28580	10710	81825		
Finningley	360	73613	82022	22414	755//	08804	87620		
Spurn Point	396	63624	68022	22412	625//	07801	86825		
Leeming	257	80114	70022	24611	854//	07001	82612	88616	
Tynemouth	262	80120	69022	25410	1557/	07203	81625	88358	
Carlisle	222	71113	83021	24613	785//	08801	81827	87633	
Valley	302	20716	70011	21317	25800	11803	82657		
Ringway	334	50712	65031	21915	55700	07807	85650		
Squires Gate	318	30906	70030	22218	38500	12708	81828	83640	
Ronaldsway	204	10711	82020	22914	11500	10802	81826		
Mull of Galloway	131	11220	83010	23613	11500	10801	81825		
Eskdalemuir	162	80316	82031	25210	885//	06702	84825	88640	
Prestwick	135	50617	80011	24613	15531	06704	81625	84362	
Abbotsinch	140	60710	75011	25414	68600	06801	81830	85635	
Leuchars	171	70715	82021	25912	755//	07704	87625		
Dyce	091	83415	84012	25912	855//	06805	82624	87626	
Lerwick	005	83311	82022	24811	854//	10703	83615	88635	
Wick	075	83510	88802	26711	885//	08000	84822	88632	
Sule Skerry	010	83208	81022	27411	855//	10002	88625		
Cape Wrath	049	80506	89022	27711	856//	09101	88630		
Stornoway	026	80610	89022	27912	855//	09801	81620	88632	
Benbecula	022	10621	89021	26814	15600	09703	81630		
Tiree	100	13511	88020	25414	18530	09805	81822		
Aldergrove	917	20609	82011	23515	14601	07706	81630		
Malin	980	40609	82031	24613	11530	10802	81820	84360	
Belmullet	976	70512	85026	22715	5563/	09701	85640	87358	
Birr	965	70711	81012	21515	4567/	08804	84632	86460	
Dublin	969	40612	80021	22614	28532	09000	81820	83359	
Shannon	962	80908	65026	20715	6547/	10804	81714	85636	88458
Roches Point	952	80716	45105	20314	864//	11501	86711	88640	
Valentia	953	80806	50102	19815	864//	13301	88717		

OBSERVATIONS at 18h. 16 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	60412	80022	17616	10932	09607	81362	86075	
Hurn	862	70412	70021	16919	00902	10712	87075		
Manston	797	80122	63031	17813	854//	09000	86712	88614	
Gatwick	776	60511	70021	18017	24682	11501	82630	86075	
Kew	775	50310	70031	19015	24601	09500	82630	84078	
Heathrow	772	40215	75030	18715	35532	10504	83621		
Honington	586	70115	75022	19911	754//	07702	87616		
Wattisham	590								
Gorleston	497	80224	62022	19412	855//	09004	88620		
Aberporth	502	70505	62022	18316	12638	11508	81840	87270	
Filton	628	50812	80012	18018	15602	11608	81645	85075	
Rhoose	715	50612	67012	17318	18632	12713	81840	85072	
Hartland Point	703	40000	60011	17914	4097/	11710	84360		
Mount Batten	827	82207	45615	17412	7538/	11608	82706	86620	
St. Mawgan	817	82904	35056	17512	862//	11808	84703	88705	
Scilly	804	80909	25216	18012	872//	11804	88704		
Culdrose	809	80807	20616	17511	870//	11707	82701	88703	
Guernsey	894	70907	45055	16713	68382	11608	82707	83840	85645
Elmdon	534	40612	68011	19915	38502	09506	81823	83628	
Cardington	559	70615	70022	20312	754//	09502	83715	87620	
Wittering	462	70315	75031	20812	754//	08603	87617		
Watnall	354	70314	70032	21112	784//	08603	82815	87618	
Shawbury	414	30908	65030	19816	11781	10507	81850		
Finningley	360	83611	82032	21612	854//	07705	84617	88621	
Spurn Point	396	60119	70022	21511	655//	07709	86625		
Leeming	257	80214	80022	23410	854//	06603	88617		
Tynemouth	262	83617	69022	24010	856//	07309	88630		
Carlisle	222	61111	84032	23013	685//	07606	81827	86640	
Valley	302	10513	65020	19917	10930	12806	81360		
Ringway	334	10714	68021	21015	12601	07603	81830		
Squires Gate	318	11014	70021	21415	00902	09500	81073		
Ronaldsway	204	10514	82030	21415	11600	08606	81830		
Mull of Galloway	131	11118	83020	22012	15500	09705	81625		
Eskdalemuir	162	70412	86032	23711	756//	05606	87645		
Prestwick	135	21112	80021	23215	15641	07606	81630		
Abbotsinch	140	10810	80021	23315	11630	07609	81840		
Leuchars	171	71111	83031	24312	756//	07506	87630		
Dyce	091	83514	82032	24411	854//	07605	85616	88624	
Lerwick	005	83410	82022	23811	885//	07705	81820	88645	
Wick	075	83413	82028	25211	884//	08707	82818	88640	
Sule Skerry	010	83212	66022	26211	855//	10709	88625		
Cape Wrath	049	80908	82022	26410	855//	09707	88625		
Stornoway	026	80513	88022	26911	884//	09705	81812	84625	88635
Benbecula	022	10416	89020	25714	15602	10603	81630		
Tiree	100	13616	87020	23613	11640	10710	81830		
Aldergrove	917	10508	82010	22316	14500	09605	81625		
Malin	980	00503	82021	23512	00900	10707			
Belmullet	976	30317	82011	21413	35630	10708	83640		
Birr	965	70808	82032	20216	756//	09505	87636		
Dublin	969	10610	82021	21114	10930	08707	81362		
Shannon	962	80812	70036	19216	6567/	09610	84638	85656	88460
Roches Point	952	80807	50108	19413	1567/	10508	81630	88459	
Valentia	953	80000	50102	19113	864//	12602	88714		

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_E$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00181	072	+	+
Hurn	862	00191	047	+	+
Manston	797	00151	062	+	+
Gatwick	776	00190	094	+	+
Kew	775	00181	096	+	+
Heathrow	772	00181	096	+	+
Honington	586	00150	056	+	+
Wattisham	590				
Gorleston	497		014		
Aberporth	502	97170	045	1r.	+
Filton	628	00190	097	+	+
Rhoose	715	00181	083	+	+
Hartland Point	703	00150	028		
Mount Batten	827	91161	000	1d.	r.
St. Mawgan	817	02131	000	[redacted] dor	d.r.ro
Scilly	804	07132	000	1r	1rrr
Culdrose	809	02121	000	fd.d.1r.r.r.	1r.r.r.
Guernsey	894	97131	002	1fRd.d.ff	+
Elmdon	534	00161	055	+	+
Cardington	559	00161	079	+	+
Wittering	462	00161	082	+	+
Watnall	354	00161	054	+	+
Shawbury	414	00181	093	+	+
Finningley	360	00161	029	+	+
Spurn Point	396			+	+
Leeming	257	00121	000	+	+
Tynemouth	262	00111	004	+	+
Carlisle	222	00140	059	+	+
Valley	302	00180	099	+	+
Ringway	334	00171	092	+	+
Squires Gate	318	00190	148	+	+
Ronaldsway	204	00170	147	+	+
Mull of Galloway	131	00130			
Eskdalemuir	162	00121	021	+	+
Prestwick	135	00170	125	+	+
Abbotsinch	140	00170	095	+	+
Leuchars	171	00131	061	+	+
Dyce	091	97130	000	+	r.
Lerwick	005	00120	000	+	+
Wick	075	91130	000	pr.	+
Sule Skerry	010	00120			
Cape Wrath	049	00111	000	+	+
Stornoway	026	00131	000	+	+
Benbecula	022	00160	154	+	+
Tiree	100	00140	155	+	+
Aldergrove	917	00170	138	+	+
Malin	980	0013	107		
Belmullet	976	9716	020		
Birr	965	0017	009		
Dublin	969	0015	110		
Shannon	962	9719	007		
Roches Point	952	0114	000		
Valentia	953	0016	000		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

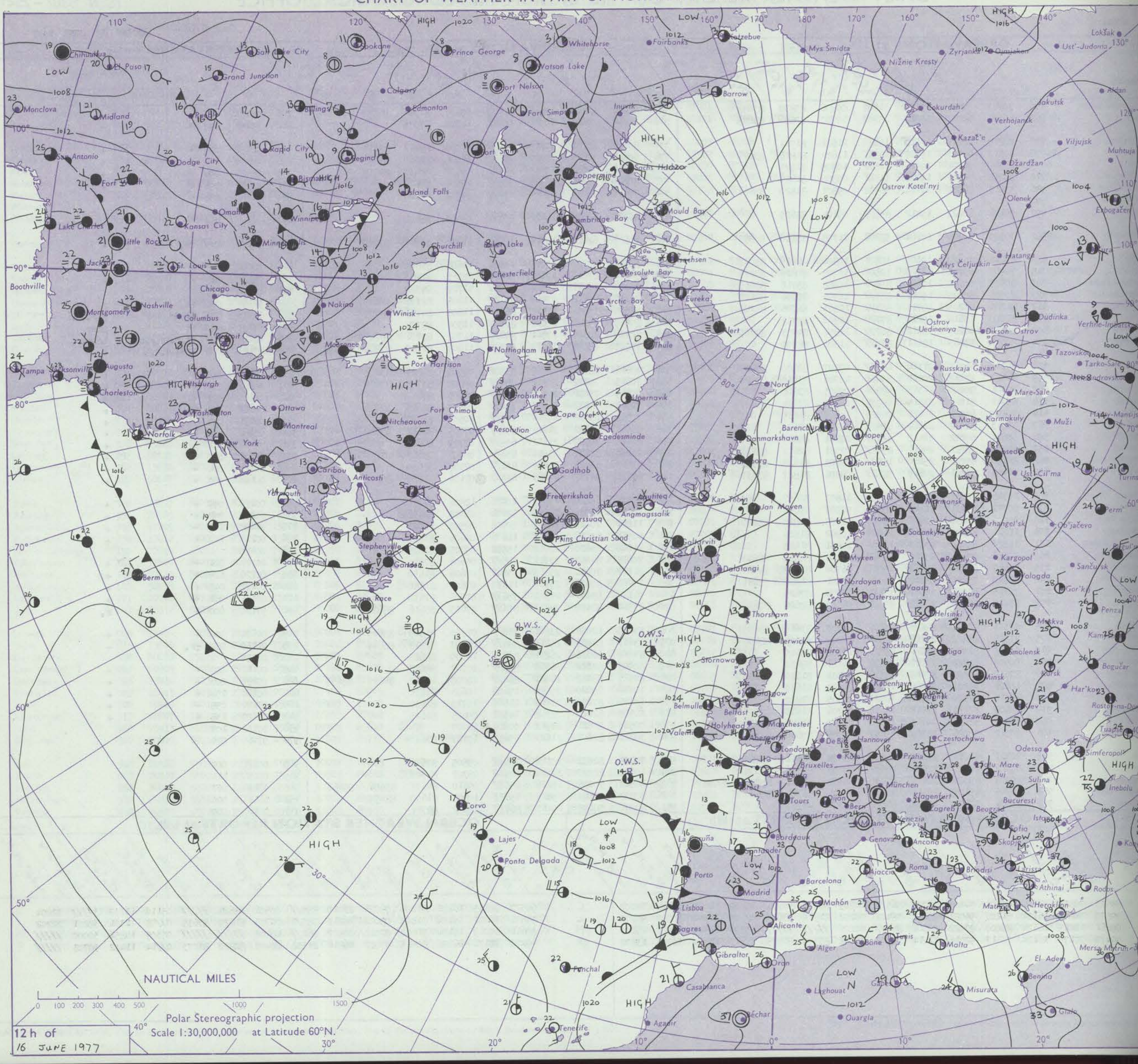
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16121	80704	94405	22709	863//	00209	88706	/////	05109	11059	3////	14703
L	99570	70200	16124	51203	99021	28412	38402	00202	81818	83635	0//09	11240	30000	99/02
M	99661	10019	16124	80000	97022	20506	864//	00203	/////	/////	05306	10849	30000	25703
R	99470	70170	16124	70617	97016	17014	30932	00202	83359	87073	0//13	11410	30704	13802

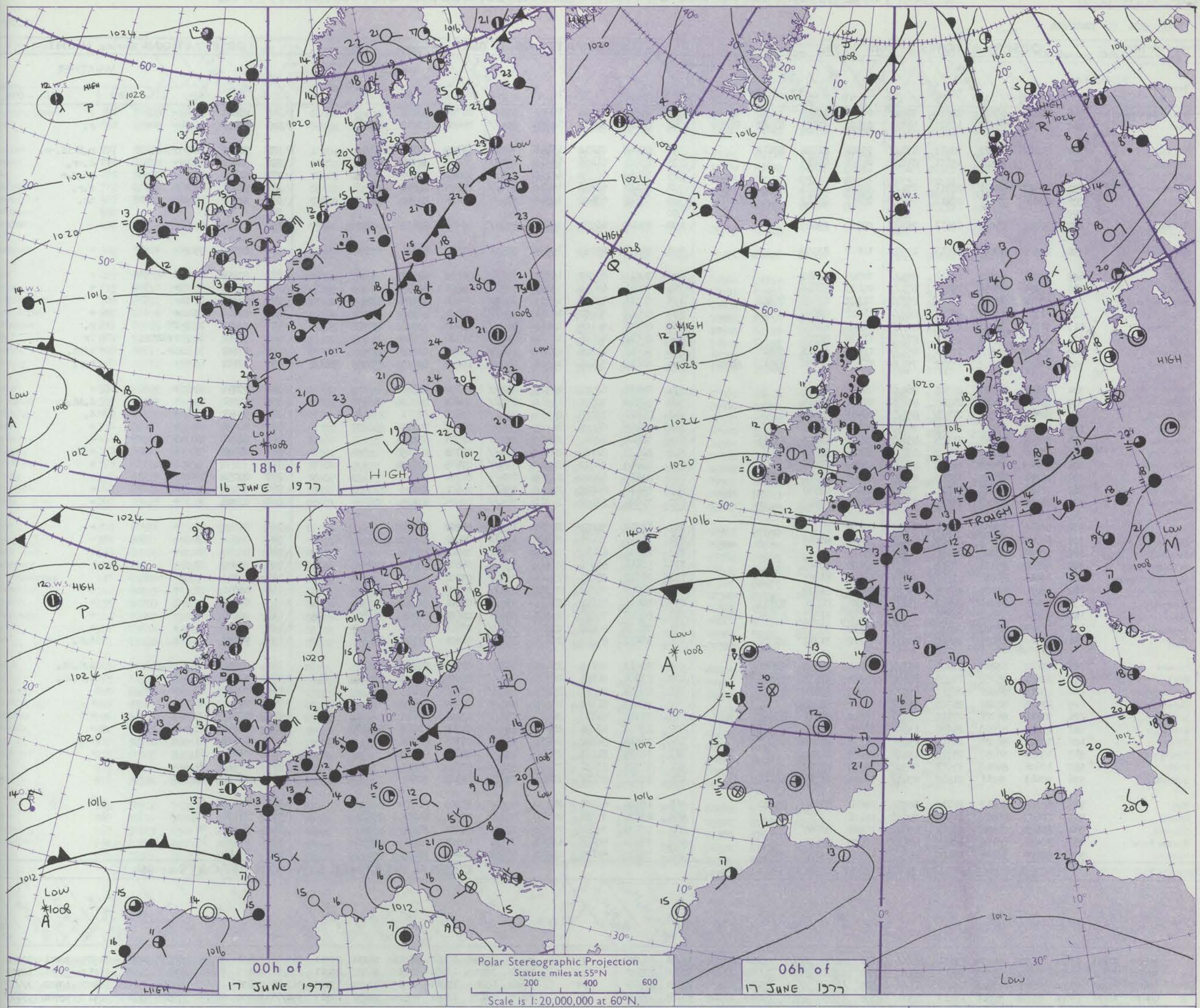
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16181	81204	98024	23010	855//	00501	88624	/////	05110	11107	3////	32004
L	99571	70201	16184	71305	99022	28212	785/1	00703	81820	87635	0//08	11301	30201	22702
M	99661	10019	16184	80000	97022	20807	862//	00102	/////	/////	05305	10851	30000	/////
R	99470	70171	16184	80513	97022	16814	21532	00400	82820	88073	0//14	11432	30703	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 17 JUNE 1977

An anticyclone west of the Hebrides with an associated ridge of high pressure across Scotland then southwards across eastern England has remained almost stationary. An occluded trough across north Germany to northeast France has extended westwards across northern France to southwest England. A depression about 300 miles west of Portugal has moved slowly east and an associated frontal trough has moved east then northeast into Biscay. During the next 24 hours the anticyclone west of Scotland will move slowly west maintaining a northeasterly airstream over all parts of the British Isles, with frontal troughs moving slowly north across France into the Channel area.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

OBSERVATIONS at 00h. 17 JUNE 1977

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70306	65022	20010	754//	07006	87613		
Hurn	862	80510	65032	19311	55532	07109	85623	83360	88070
Manston	797	70214	68022	18811	753//	09000	82708	87612	
Gatwick	776	80307	64022	19611	854//	08003	88616		
Kew	775								
Heathrow	772	70312	68021	20311	754//	07001	87615		
Honington	586	83608	72022	20410	854//	07003	88612		
Wattisham	590								
Gorleston	497	80218	66022	19611	855//	08400	88625		
Aberporth	502	20906	60051	20013	20930	10107	82359		
Filton	628	80811	68022	20311	854//	07008	88617		
Rhoose	715	60711	65031	19611	654//	09108	86614		
Hartland Point	703	50708	82011	18214	25731	11103	82650	84360	
Mount Batten	827	81302	50056	18112	857//	11102	88656		
St. Mawgan	817	91501	06476	17812	9////	12000	89///		
Scilly	804	80407	25216	18211	872//	11400	88704		
Culdrose	809	80405	20606	17911	854//	11000	82712	88640	
Guernsey	894	70607	40102	17311	753//	11803	82706	85613	86640
Elmdon	534	80409	64021	21509	864//	06001	88715		
Cardington	559	80410	80022	21010	854//	08801	88615		
Wittering	462	80310	80022	21409	854//	06805	88615		
Watnall	354	70309	62022	21909	754//	06803	87613		
Shawbury	414	80505	57041	21909	854//	07004	85713	88635	
Finningley	360	83607	82022	21810	854//	07706	88616		
Spurn Point	396	80215	70022	21810	855//	05000	88625		
Leeming	257	80211	82022	23310	854//	05805	81711	88616	
Tynemouth	262	70115	69022	24210	7097/	07400	87358		
Carlisle	222	70907	82022	23910	755//	07001	87627		
Valley	302	00616	59050	20811	00900	08104			
Ringway	334	60709	65011	22409	654//	05801	86618		
Squires Gate	318	00707	68020	23007	00900	05102			
Ronaldsway	204	60709	65031	22911	654//	07108	86616		
Mull of Galloway	131	10916	86010	23610	00901	08209	81075		
Eskdalemuir	162	80206	81022	24209	855//	05802	88622		
Prestwick	135	70405	81021	24510	755//	07006	81626	87633	
Abbotsinch	140	70204	75021	24611	785//	07005	81822	85628	87640
Leuchars	171	70103	82022	24510	755//	06802	87625		
Dyce	091	83310	75026	24410	854//	07802	81712	88620	
Lerwick	005	83612	85205	23609	853//	08801	81708	88612	
Wick	075	83411	65052	24909	884//	08804	82818	88635	
Sule Skerry	010	83412	74022	26310	855//	09002	88625		
Cape Wrath	049	83605	82022	26709	855//	09301	88625		
Stornoway	026	70111	86022	27110	784//	08002	81818	83625	87635
Benbecula	022	10210	82020	26408	15302	07004	81708		
Tiree	100	10312	86020	24510	15601	09206	81640		
Aldergrove	917	10604	59050	23710	15601	08107	81640		
Malin	980	10606	84010	23911	00902	09003	81072		
Belmullet	976	40413	78011	21812	4543/	10005	81719	84640	
Birr	965	60308	70012	21110	30932	09003	83360	85070	
Dublin	969	00607	80010	21910	00900	09101			
Shannon	962	80605	70036	20314	856//	10001	88645		
Roches Point	952	80406	50102	19413	856//	10000	88640		
Valentia	953	80000	30106	19613	853//	12002	83707	88630	

OBSERVATIONS at 06h. 17 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80309	65022	19009	854//	06701	88612		
Hurn	862	80306	62216	18709	854//	09102	83612	88622	
Manston	797	80212	75212	18011	7642/	09500	87710	88460	
Gatwick	776	80408	61205	18510	853//	08603	82708	88610	
Kew	775	80410	68022	19110	864//	07604	88712		
Heathrow	772	80408	68022	19010	854//	08606	88612		
Honington	586	83608	67602	19310	854//	08604	84710	88613	
Wattisham	590								
Gorleston	497	83620	66022	18611	855//	09502	88625		
Aberporth	502	21006	62050	19709	20931	07000	82360		
Filton	628	70610	67012	19709	754//	06802	81712	87616	
Rhoose	715	70714	65011	19109	754//	06801	87615		
Hartland Point	703	70911	70032	18310	6557/	07400	86625	87360	
Mount Batten	827	80809	58052	18011	854//	08304	86712	88616	
St. Mawgan	817	80907	40106	17611	862//	10102	83705	88709	
Scilly	804	80912	40626	17512	874//	11306	88710		
Culdrose	809	80911	12526	17411	871//	11303	86702	88708	
Guernsey	894	80612	57606	16511	852//	10602	82703	85706	86613
Elmdon	534	80411	62042	20509	854//	06704	88616		
Cardington	559	80510	70502	19910	854//	08604	86712	88617	
Wittering	462	70211	75015	20409	754//	07603	82711	87616	
Watnall	354	80407	68022	21009	854//	06503	84714	88618	
Shawbury	414	70507	62042	21009	754//	07503	87616		
Finningley	360	80107	82022	20910	854//	07703	88619		
Spurn Point	396	80218	70022	20810	855//	07605	88625		
Leeming	257	83610	82022	22209	854//	06704	88617		
Tynemouth	262	80114	80022	23010	3567/	06601	83630	88358	
Carlisle	222	70804	83022	22910	785//	07505	81825	87630	
Valley	302	10714	59050	20710	15501	06202	81620		
Ringway	334	33402	70021	21509	15532	05502	81620		
Squires Gate	318	20406	65010	21909	00902	06502	82070		
Ronaldsway	204	50411	84031	21910	58400	06602	82818	84624	
Mull of Galloway	131	80712	85031	23010	7551/	07301	87625		
Eskdalemuir	162	80209	75022	23009	854//	05703	81715	88622	
Prestwick	135	80405	81022	23610	855//	07301	81622	88628	
Abbotsinch	140	80000	70022	23511	884//	08602	81818	84624	86628
Leuchars	171	70106	80022	23510	755//	05701	87624		
Dyce	091	83412	80505	23609	854//	06201	81710	88615	
Lerwick	005	83613	70205	23109	853//	07301	83706	88615	
Wick	075	83306	56586	24309	853//	08000	84709	85618	88630
Sule Skerry	010	83614	81022	25409	855//	08801	88625		
Cape Wrath	049	83609	81022	25609	855//	07702	88620		
Stornoway	026	73512	84012	26410	755//	07201	87624		
Benbecula	022	83610	82021	26011	854//	04702	81618	88628	
Tiree	100	20315	84020	24811	15531	09303	81626		
Aldergrove	917	71105	81021	23210	756//	06601	87630		
Malin	980	51503	83031	23410	556//	07203	85645		
Belmullet	976	20611	80021	22012	25630	09303	82640		
Birr	965	10609	60101	21109	00902	08209	81070		
Dublin	969	80809	70021	21710	854//	07201	84715	87622	
Shannon	962	70309	70032	20011	2857/	09004	81825	85360	
Roches Point	952	70614	50106	18913	756/1	10303	83640	87650	
Valentia	953	70000	58102	18212	65602	11603	86638	85070	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00081	08	+	+
Hurn	862	97091	09	+	r.
Manston	797	02101	10	r.rr.	r.Rrid.-r.
Gatwick	776	97100	10	+	d.-r.
Kew	775	91101	09	+	ir.r.r
Heathrow	772	92101	10	+	r.r.
Honington	586	97090	09	+	ir.
Wattisham	590				
Gorleston	497				
Aberporth	502	00080	05	+	+
Filton	628	00090	09	+	+
Rhoose	715	00090	08	+	+
Hartland Point	703	00090	09		
Mount Batten	827	00101	09	+	+
St. Mawgan	817	92101	10	ff	r.
Scilly	804	18112	07	rrRRir.	ir
Culdrose	809	94102	10	ir.	idid.
Guernsey	894	97111	10	+	r.r.
Elmdon	534	00091	08	+	+
Cardington	559	97091	09	+	d.id.r.
Wittering	462	97091	09	+	d.
Watnall	354	00091	08	+	+
Shawbury	414	00081	06	+	+
Finningley	360	00091	09	+	+
Spurn Point	396			+	+
Leeming	257	00091	09	+	+
Tynemouth	262	00091	09	+	+
Carlisle	222	00090	09	+	+
Valley	302	00090	07	+	+
Ringway	334	00061	02	+	+
Squires Gate	318	00050	01	+	+
Ronaldsway	204	00080	07	+	+
Mull of Galloway	131	00080			
Eskdalemuir	162	00081	07	+	+
Prestwick	135	00090	05	+	+
Abbotsinch	140	00100	09	+	+
Leuchars	171	00101	09	+	+
Dyce	091	97090	08	r.	d.d.
Lerwick	005	91081	09	id.d.d.	d.d.id.
Wick	075	91081	08	+	d.r.id.
Sule Skerry	010	00080	09		
Cape Wrath	049	00081	08	+	+
Stornoway	026	00091	09	+	+
Benbecula	022	00080	05	+	+
Tiree	100	00070	03	+	+
Aldergrove	917	00070	02	+	+
Malin	980	97070	04		
Belmullet	976	97101	08		
Birr	965	00081	07		
Dublin	969	97091	07		
Shannon	962	97100	08		
Roches Point	952	97121	10		
Valentia	953	03111	09		

OCEAN WEATHER STATION REPORTS at 00h.

Code FM 21.V

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17001	91505	91475	23111	9////	00303	89/05	/////	00111	11092	3//01	32/05
L	99570	70202	17004	70000	98032	29412	785/1	31107	81820	87635	0//03	11274	30000	27602
M	99662	10018	17004	82108	97022	19906	863//	00809	/////	/////	05406	10832	30201	/////
R	99470	70173	17004	03616	97011	17013	00900	00000	/////	/////	0/13	11448	30703	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17061	81706	94284	22711	863//	00601	88706	/////	00211	11075	30201	32004
L	99568	70200	17064	70810	98022	29011	755//	00303	83628	87640	0//06	11217	30301	18702
M	99662	10018	17064	82515	97024	17407	862//	00606	/////	/////	05107	10807	30402	/////
R	99470	70173	17064	83620	97031	14713	854//	00709	88615	/////	0/13	11417	30704	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

No. 42212

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

Date of Issue SATURDAY 18 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 17 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70709	70012	19112	754//	07000	85613	87656	
Hurn	862	80409	62032	18813	854//	09102	88617		
Manston	797	80210	75026	18512	883//	10204	81709	85810	88614
Gatwick	776	80510	56046	19011	863//	10002	82709	88710	
Kew	775	80406	65216	19612	7642/	08203	81712	87715	88458
Heathrow	772	80410	65026	19612	854//	08104	82612	88614	
Honington	586	80109	80026	19612	854//	07400	87618	88625	
Wattisham	590								
Gorleston	497	80119	66022	19211	855//	09400	88625		
Aberporth	502	70507	65021	20113	755//	08400	87625		
Filton	628	80712	70022	19812	854//	07302	85615	88620	
Rhoose	715	80710	67602	19511	854//	07302	83616	88624	
Hartland Point	703	80712	64022	19311	854//	08206	83710	88635	
Mount Batten	827	80706	40652	18810	6547/	09104	82712	85625	88458
St. Mawgan	817	80805	45636	18711	6732/	09206	82708	86711	88556
Scilly	804	81009	45216	18511	884//	11207	86710	88617	
Culdrose	809	80811	20616	18110	7722/	09802	82703	84706	87709
Guernsey	894	80611	59506	17311	872//	11206	83703	87704	
Elmdon	534	80608	63042	20711	854//	06202	83616	88620	
Cardington	559	80509	64026	20411	854//	10304	85615	88625	
Wittering	462	80514	80022	20611	854//	07001	88618		
Watnall	354	80310	65022	21111	854//	07302	88616		
Shawbury	414	80607	60042	20912	854//	07400	86618	88626	
Finningley	360	80207	82012	21412	885//	06301	83820	88623	
Spurn Point	396	80214	70012	21311	885//	07104	84820	88625	
Leeming	257	80213	75022	22311	855//	06000	88622		
Tynemouth	262	83616	69022	23110	856//	07301	88630		
Carlisle	222	80410	80022	22712	855//	07801	83626	88631	
Valley	302	60516	65021	21115	21502	07003	82820	85075	
Ringway	334	80911	65021	21512	855//	06103	82625	88635	
Squires Gate	318	80706	70021	21713	885//	09602	84820	88624	
Ronaldsway	204	70514	86012	22112	785//	06602	84822	87630	
Mull of Galloway	131	81010	85022	23011	7551/	07602	87625		
Eskdalemuir	162	80215	75202	23110	856//	04601	82630	88640	
Prestwick	135	80708	65022	23713	8[illegible]//	06703	83628	88645	
Abbotsinch	140	70807	84012	23514	785//	06603	81820	83630	87645
Leuchars	171	73608	82022	23612	755//	06705	87620		
Dyce	091	83316	65586	23612	854//	08602	86710	88618	
Lerwick	005	80216	75025	23010	854//	07101	82710	88620	
Wick	075	83312	83026	24711	854//	07203	82713	87618	88635
Sule Skerry	010	83612	74022	25811	855//	09203	88625		
Cape Wrath	049	83605	81022	26310	884//	09205	83815	88620	
Stornoway	026	60613	84012	26611	655/2	07302	86626		
Benbecula	022	60113	89022	26013	656//	09702	86630		
Tiree	100	30116	88011	24713	38500	10702	81820		
Aldergrove	917	80608	80022	23013	855//	09704	84620	88650	
Malin	980	50409	82031	24013	58500	09101	81820	84640	
Belmullet	976	30314	80030	22615	28530	10701	81821		
Birr	965	70512	75011	21713	756//	07103	87632		
Dublin	969	80611	70022	22111	864//	06101	82715	85717	87622
Shannon	962	50613	65011	20316	585/2	08201	83827	83645	
Roches Point	952	80911	40102	20113	854//	10104	81716	88640	
Valentia	953	70309	59052	19018	785//	14206	83825	87645	

OBSERVATIONS at 18h. 17 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80207	61026	19111	854//	08302	85710	88614	
Hurn	862	80405	62602	18513	6552/	09000	81622	86656	88458
Manston	797	70312	72022	18312	5847/	09501	82710	83814	87358
Gatwick	776	80204	56216	18612	6547/	11702	81710	84617	86656
Kew	775	80205	50636	19211	5742/	10601	81712	85716	88550
Heathrow	772	80208	56636	19211	854//	10301	81613	83618	88645
Honington	586	83610	75022	19311	854//	08502	81711	86614	88620
Wattisham	590								
Gorleston	497	80118	66022	18711	855//	09605	88625		
Aberporth	502	70510	62052	19413	4553/	09501	84628	87360	
Filton	628	80606	60056	19612	7542/	09500	81712	87620	
Rhoose	715	80808	64036	19012	854//	08501	83618	88622	
Hartland Point	703	70912	60016	19011	2747/	09602	82715	85557	87360
Mount Batten	827	80708	63026	18413	5847/	10501	83710	88358	
St. Mawgan	817	80206	68026	18212	884//	10502	82710	84812	88650
Scilly	804	41110	62016	18512	48440	11400	82712	84617	
Culdrose	809	70810	58056	17912	68401	10703	81710	83818	86635
Guernsey	894	80512	57106	17011	862//	11802	87704		
Elmdon	534	80506	64026	20112	854//	07501	86618	88630	
Cardington	559	70509	72012	19912	785//	09500	83820	87625	
Wittering	462	80313	81022	20311	854//	07502	85618	88622	
Watnall	354	80508	60032	20611	855//	07400	88620		
Shawbury	414	80604	62048	20313	885//	08501	84824	88640	
Finningley	360	80107	82022	20912	854//	07500	82618	88622	
Spurn Point	396	83616	70022	20710	855//	09702	88625		
Leeming	257	80212	65502	21911	853//	09502	84708	88620	
Tynemouth	262	80118	69025	22710	855//	09400	88625		
Carlisle	222	81005	82022	22013	855//	08602	83625	88634	
Valley	302	70412	65022	20714	756//	08301	87630		
Ringway	334	80609	62022	20913	856//	06500	88630		
Squires Gate	318	80707	66022	21312	855//	08302	83625	88630	
Ronaldsway	204	70610	75022	21612	785//	07502	82826	87630	
Mull of Galloway	131	81110	83022	22311	6551/	08604	86625		
Eskdalemuir	162	80210	80612	23010	854//	07303	82710	86616	88625
Prestwick	135	72907	68022	22514	756//	08506	82630	83635	86645
Abbotsinch	140	70708	80022	22116	786//	07604	81830	84640	87645
Leuchars	171	71102	80022	23011	784//	09503	81815	87620	
Dyce	091	83415	80026	23210	854//	07703	88616		
Lerwick	005	83411	80022	22410	854//	08605	84710	88625	
Wick	075	73411	82022	24110	754//	07500	85616	87630	
Sule Skerry	010	83408	74022	25010	855//	09603	88625		
Cape Wrath	049	83606	81022	25609	884//	08703	83815	88620	
Stornoway	026	70213	82032	25611	755//	07705	87620		
Benbecula	022	13616	88021	25213	15600	09604	81630		
Tiree	100	13616	89020	23613	15601	09604	81635		
Aldergrove	917	70508	65012	22513	755//	10603	82625	87632	
Malin	980	70902	83031	23512	785//	09500	81820	87640	
Belmullet	976	50219	78021	22513	585//	09500	81821	84638	
Birr	965	80809	80022	21313	864//	06503	85716	88634	
Dublin	969	70611	80032	21512	785//	05501	81820	87630	
Shannon	962	70513	65022	20814	756//	07304	87635		
Roches Point	952	70909	50052	20113	754//	09202	83716	87645	
Valentia	953	72605	60052	19513	785//	12305	85825	87650	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97121	000	r.	r.
Hurn	862	97131	000	r.	r.r.
Manston	797	00131	000	+	+
Gatwick	776	01121	000	r.	r.rr.r.
Kew	775	03131	000	ir.r.	rr.rrR
Heathrow	772	04131	000	r.r.-r.	r.r.rr.
Honington	586	97130	000	+	d.
Wattisham	590				
Gorleston	497		000		
Aberporth	502	00140	052	+	+
Filton	628	97130	000	r.	r.
Rhoose	715	97130	000	ir.	ir.
Hartland Point	703	97140	000		
Mount Batten	827	08131	000	rrR	+
St. Mawgan	817	01131	000	rr.	+
Scilly	804	07131	006	rrir.	+
Culdrose	809	05141	010	ir.r.r.d.r.	+
Guernsey	894	91121	000	r.r.id.	ir.
Elmdon	534	97121	000	r.	+
Cardington	559	97121	000	[illegible] ir.	+
Wittering	462	00121	000	+	+
Watnall	354	00121	000	+	+
Shawbury	414	97141	000	+	pr.
Finningley	360	00131	000	+	+
Spurn Point	396			+	+
Leeming	257	97120	000	+	d.
Tynemouth	262	97111	000	+	id.
Carlisle	222	00130	000	+	+
Valley	302	00160	094	+	+
Ringway	334	00130	012	+	+
Squires Gate	318	00150	035	+	+
Ronaldsway	204	00130	001	+	+
Mull of Galloway	131	00120			
Eskdalemuir	162	97111	000	d.	r.r.
Prestwick	135	00150	002	+	+
Abbotsinch	140	00160	026	+	+
Leuchars	171	00131	004	+	+
Dyce	091	97120	000	id.id.r.ir.	+
Lerwick	005	97111	000	+	d.d.
Wick	075	97121	000	id.	+
Sule Skerry	010	00110			
Cape Wrath	049	00111	003	+	+
Stornoway	026	00130	071	+	+
Benbecula	022	00150	098	+	+
Tiree	100	00140	154	+	+
Aldergrove	917	00140	000	+	+
Malin	980	0013	064		
Belmullet	976	0016	122		
Birr	965	0014	035		
Dublin	969	9712	001		
Shannon	962	0017	053		
Roches Point	952	0015	008		
Valentia	953	0019	025		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

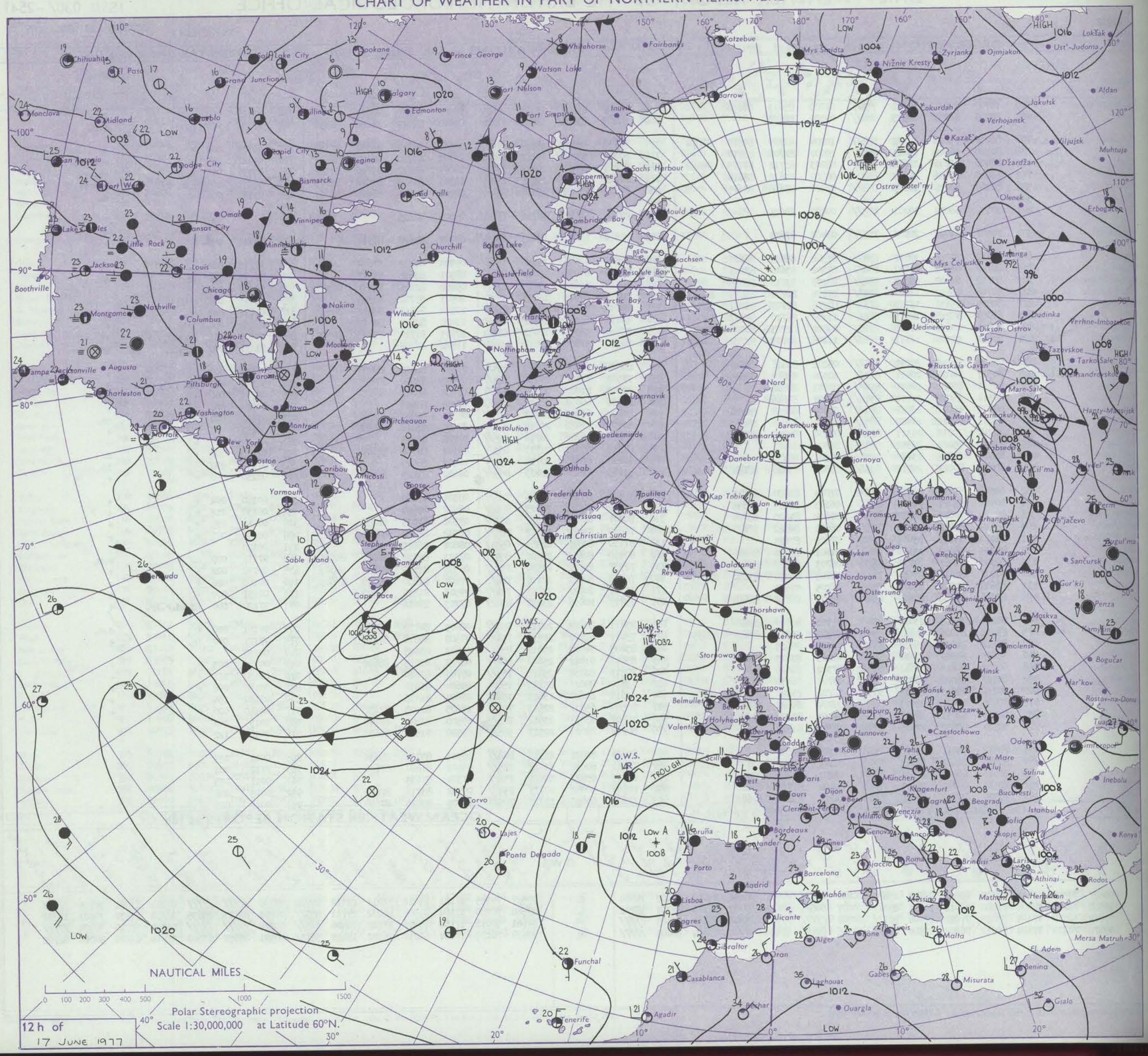
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_vapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17121	61509	98022	22712	25632	00400	/////	/////	00210	11090	30403	14804
L	99568	70200	17124	80906	98012	30111	855//	00007	84625	88635	0//07	11213	30301	18702
M	99662	10018	17124	83015	97022	17506	862//	00307	/////	/////	05306	10858	30403	/////
R	99470	70170	17124	70212	96102	15514	753//	00106	84706	87640	0//14	11424	30402	/////

OCEAN WEATHER STATION REPORTS at 18h.

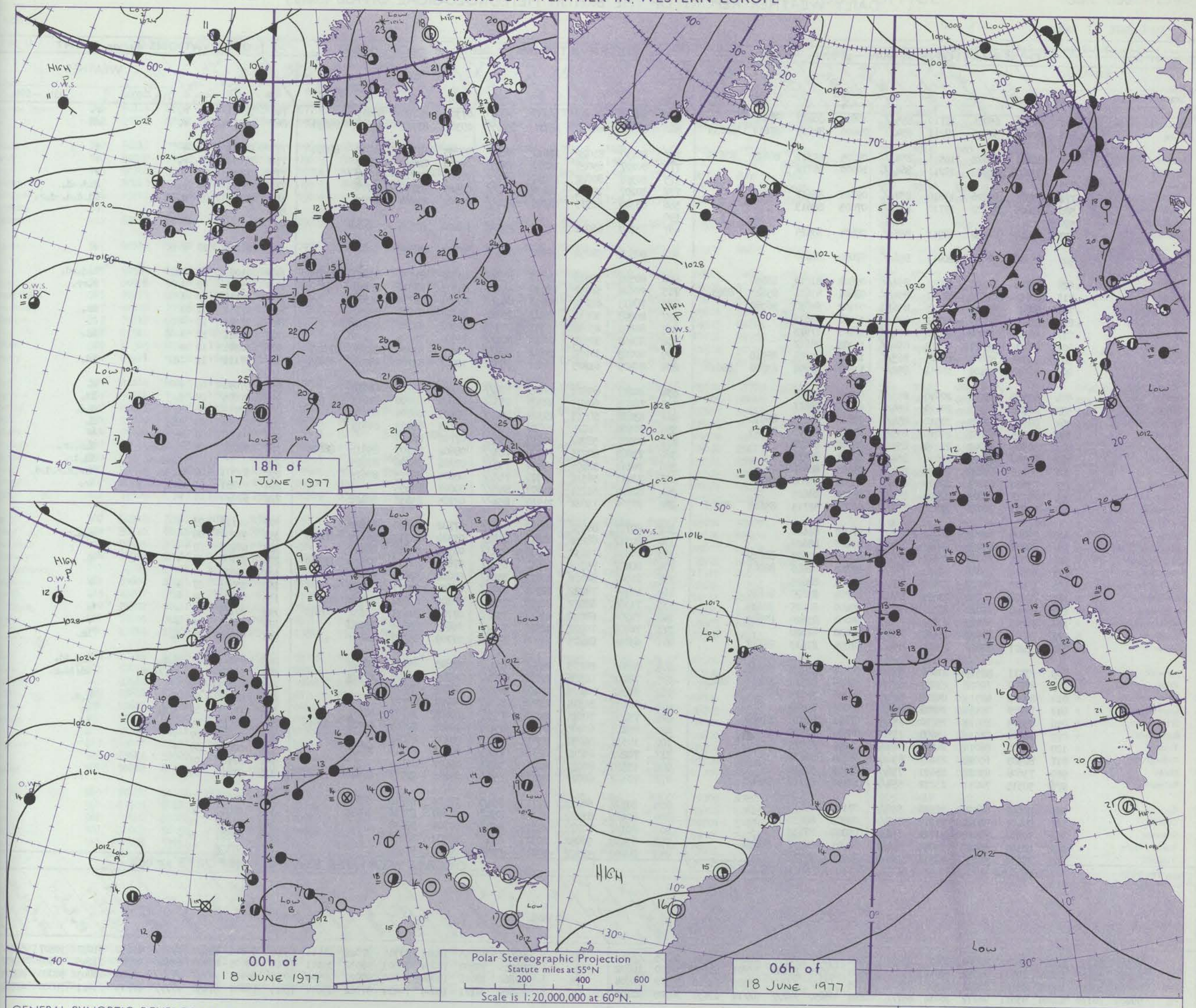
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_vapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17181	61412	97012	21112	20982	00708	/////	/////	00211	11091	30705	/////
L	99568	70200	17184	81007	98032	29711	855//	00703	82625	88635	0//08	11237	30401	18802
M	99661	10016	17184	83416	97022	20406	863//	00214	/////	/////	05305	10839	30504	/////
R	99470	70170	17184	60210	96102	15415	5573/	00501	85650	83360	0//14	11470	30000	02702

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **SATURDAY 18 JUNE 1977**

An anticyclone south of Iceland has persisted while on the eastern flank a frontal trough has move southeastwards towards north Scotland. A filling low has drifted northeastwards near Corunna. A complex area of low pressure just east and south of Newfoundland has deepened substantially. During the next 24 hours not much change is expected in the high south of Iceland but the low near Corunna will continue to fill. The main centre of low pressure becoming established over France will move slowly northeastwards. A northeasterly airstream will continue over the British Isles.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

OBSERVATIONS at 00h. 18 JUNE 1977

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80306	65026	19710	855//	08601	86622	88640	
Hurn	862	8040[illegible]	58036	19211	854//	09400	84615	87619	88633
Manston	797	80211	78022	18511	854//	08805	81711	86613	88635
Gatwick	776	80206	57042	19211	864//	10000	88712		
Kew	775								
Heathrow	772	80308	60026	19810	854//	09701	86617	88656	
Honington	586	83605	75202	19710	854//	07003	88613		
Wattisham	590								
Gorleston	497	83404	66022	18911	855//	08804	88625		
Aberporth	502	81106	50052	20411	856//	07000	88630		
Filton	628	80706	60502	20011	854//	09802	81710	88650	
Rhoose	715	80708	62022	19711	854//	08601	81616	85620	88632
Hartland Point	703	60814	66012	19511	45630	09102	84630	86360	
Mount Batten	827	80704	58052	19112	854//	10102	88616		
St. Mawgan	817	80904	50052	19411	854//	10103	87613		
Scilly	804	80704	58021	19811	854//	11103	88612		
Culdrose	809	80806	57052	19011	863//	10103	83708	88710	
Guernsey	894	80508	58102	17611	852//	11802	82704	85706	88610
Elmdon	534	80302	65022	20910	855//	07801	88620		
Cardington	559	80506	70022	20410	854//	09801	88617		
Wittering	462	80108	72022	20510	854//	07803	85612	88616	
Watnall	354	80305	62032	21010	853//	08704	86708	88615	
Shawbury	414	80305	58042	21110	855//	08102	88622		
Finningley	360	83506	82022	21010	854//	08801	88617		
Spurn Point	396	80112	68022	20710	854//	08803	88617		
Leeming	257	83610	60205	22109	853//	08801	85706	88618	
Tynemouth	262	80118	69022	22909	855//	08502	88625		
Carlisle	222	81202	70026	22810	854//	08001	82715	85618	88627
Valley	302	70406	62052	21612	755//	07000	87626		
Ringway	334	80407	65022	21611	855//	07400	88620		
Squires Gate	318	80504	70022	21911	855//	08000	82623	88629	
Ronaldsway	204	80306	75012	22211	885//	07802	82826	88645	
Mull of Galloway	131	80810	84022	22911	855//	08801	88625		
Eskdalemuir	162	80108	75026	23409	855//	06704	83620	88630	
Prestwick	135	80504	75022	23511	855//	09400	82623	88625	
Abbotsinch	140	70403	70022	23311	755//	08000	83620	87625	
Leuchars	171	70000	70022	23509	755//	07400	87620		
Dyce	091	83211	82022	23409	854//	07805	81613	88617	
Lerwick	005	83411	58515	21908	852//	08706	86704	88618	
Wick	075	83308	70022	23909	854//	09805	82712	86615	88630
Sule Skerry	010	83208	48515	24610	874//	10706	88715		
Cape Wrath	049	92709	01454	24709	9////	09809	89/00		
Stornoway	026	73405	80012	25810	754//	09801	82618	87630	
Benbecula	022	10308	87011	25608	15500	05802	81625		
Tiree	100	10216	86010	24110	00902	08201	81075		
Aldergrove	917	80503	65022	23611	856//	09104	88636		
Malin	980	73608	83022	23611	756//	09702	87638		
Belmullet	976	50315	74011	23212	554//	10101	81719	85640	
Birr	965	80604	66022	22310	856//	07105	88635		
Dublin	969	80404	75022	21911	856//	08803	88633		
Shannon	962	70506	70022	21712	756//	05000	87635		
Roches Point	952	80305	50052	21011	864//	08801	84717	88639	
Valentia	953	70000	50102	20911	764//	10000	87712		

OBSERVATIONS at 06h. 18 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80408	64022	18809	853//	07302	86709	88615	
Hurn	862	80305	62012	18710	854//	09307	83712	86635	88650
Manston	797	80110	81022	17011	883//	09705	81709	84810	88614
Gatwick	776	80207	65026	18210	854//	08500	84710	88612	
Kew	775	80306	80022	18510	864//	07605	83710	88712	
Heathrow	772	80207	75032	18410	863//	08503	83708	88709	
Honington	586	83306	62515	18309	852//	09602	82704	88612	
Wattisham	590								
Gorleston	497	73510	66012	17611	755//	08400	87625		
Aberporth	502	80806	58052	19910	855//	07703	88625		
Filton	628	80506	30515	19109	854//	09502	81710	83615	88635
Rhoose	715	70606	57052	19010	4547/	08301	84616	87358	
Hartland Point	703	70411	62012	18911	6647/	09501	86712	87360	
Mount Batten	827	80803	58052	18811	7542/	09308	87615	88458	
St. Mawgan	817	80804	25052	18511	853//	10302	84708	88612	
Scilly	804	80407	30502	18811	862//	11504	88705		
Culdrose	809	80703	30052	18811	862//	10307	82705	84707	88709
Guernsey	894	80409	61205	16611	853//	10803	83707	84710	88645
Elmdon	534	80207	65022	19609	854//	07704	83711	88618	
Cardington	559	70408	60505	18809	753//	09806	83706	87615	
Wittering	462	83610	58515	19309	862//	09603	86704	88710	
Watnall	354	70108	82025	20010	753//	07703	85709	86616	
Shawbury	414	80207	58042	20010	855//	07702	88620		
Finningley	360	73608	80216	20209	783//	08602	82707	85816	86626
Spurn Point	396	70112	32606	19410	753//	08706	84706	87625	
Leeming	257	73411	56516	21308	752//	08604	86705	87615	
Tynemouth	262	83622	61216	21609	856//	09605	88635		
Carlisle	222	80704	75022	21910	854//	07705	85618	88626	
Valley	302	80707	64052	20812	855//	07702	82620	88624	
Ringway	334	80312	68216	20810	854//	05500	81712	86615	88620
Squires Gate	318	80510	75032	21210	854//	08501	84618	88625	
Ronaldsway	204	80407	75502	21610	854//	07601	81715	87620	88640
Mull of Galloway	131	81007	84022	22210	3551/	08604	83625	88460	
Eskdalemuir	162	80107	78022	22308	854//	06604	83710	88635	
Prestwick	135	71106	68022	22510	755//	07802	83622	86635	
Abbotsinch	140	71204	68022	22411	754//	07702	81618	85632	87640
Leuchars	171	70000	70022	22510	754//	06603	83616	85620	
Dyce	091	63015	82205	21609	65300	07709	83709	86617	
Lerwick	005	80313	50205	20408	861//	08803	86702	88708	
Wick	075	73412	60506	22010	753//	09705	86708	87620	
Sule Skerry	010	83212	74025	23109	855//	07703	88625		
Cape Wrath	049	80905	31514	23708	873//	08704	88709		
Stornoway	026	73308	70025	24010	753//	10606	84709	87620	
Benbecula	022	83411	60205	24211	852//	10607	82704	85706	88616
Tiree	100	10311	86030	23611	18501	08301	81822		
Aldergrove	917	70202	65022	22311	754//	09803	81715	87638	
Malin	980	13510	80011	22911	16300	09601	81709		
Belmullet	976	70312	68022	23212	754//	09201	82719	87640	
Birr	965	80307	66022	21710	854//	08500	83716	88634	
Dublin	969	80205	81022	21311	854//	08400	81716	88635	
Shannon	962	80107	70022	21211	856//	07704	88635		
Roches Point	952	83408	56052	20311	856//	08502	88632		
Valentia	953	80608	57102	20811	856//	08302	88638		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97091	09	r.	r.
Hurn	862	01101	10	r.	rR
Manston	797	00111	10	+	+
Gatwick	776	97091	09	r.	+
Kew	775	00101	09	+	+
Heathrow	772	97101	09	r.	d.d.-d.
Honington	586	97090	09	d.-d.d.	id.d.d.-d.r.
Wattisham	590				
Gorleston	497				
Aberporth	502	00100	10	+	+
Filton	628	01091	09	id.	d.d.rd.
Rhoose	715	95091	09	+	r.rr.
Hartland Point	703	00110	10	+	+
Mount Batten	827	97111	11	+	ir.
St. Mawgan	817	97101	10	+	d.
Scilly	804	92111	10	+	id.
Culdrose	809	00101	10	+	+
Guernsey	894	97111	11	id.	id.
Elmdon	534	97091	09	+	d.
Cardington	559	97091	09	d.	id.
Wittering	462	97091	08	d.	d.d.
Watnall	354	97091	08	d.	d.
Shawbury	414	00091	09	+	+
Finningley	360	92091	09	d.-d.r.	d.r.pr.
Spurn Point	396			id.d.d.	id.ir.
Leeming	257	97081	08	d.-r.	d.r.d.r.d.d.
Tynemouth	262	91081	07	ir.	ir.
Carlisle	222	97090	09	r.	+
Valley	302	00110	09	+	+
Ringway	334	97090	08	+	r.d.r.
Squires Gate	318	00090	09	+	+
Ronaldsway	204	97100	10	+	d.
Mull of Galloway	131	00090			
Eskdalemuir	162	00081	07	+	+
Prestwick	135	00100	09	+	+
Abbotsinch	140	00110	08	+	+
Leuchars	171	00081	05	+	+
Dyce	091	97090	08	d.	id.
Lerwick	005	95071	07	d.d.	d.d.id.
Wick	075	91091	08	id.id.r.	id.id.r.
Sule Skerry	010	92070	08		
Cape Wrath	049	01081	08	FF	d.d.
Stornoway	026	94091	10	d.d.	d.
Benbecula	022	97091	05	+	id.
Tiree	100	00080	07	+	+
Aldergrove	917	00090	09	+	+
Malin	980	97100	07		
Belmullet	976	97110	09		
Birr	965	00090	09		
Dublin	969	00100	10		
Shannon	962	00110	11		
Roches Point	952	00101	09		
Valentia	953	97100	08		

OCEAN WEATHER STATION REPORTS at 00h.

Code FM 21.V

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	18001	61412	97022	20611	20932	00000	/////	/////	00210	11098	3//05	/////
L	99569	70200	18004	70903	94052	30912	755//	00003	83625	87640	0//07	11230	30000	16802
M	99662	10015	18004	83108	97022	22305	855//	00105	/////	/////	05603	10846	30302	24804
R	99470	70170	18004	83611	96212	16014	857//	00801	88650	/////	0//14	11430	30000	02702

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	18061	81314	97022	17411	855//	00816	88620	/////	00210	11087	30807	/////
L	99569	70200	18064	73303	98032	30111	755//	00605	82625	87640	0//07	11245	30000	99/02
M	99662	10016	18064	80000	97022	22505	863//	00400	/////	/////	05604	10845	30000	26803
R	99470	70171	18064	70414	97012	15614	756//	00400	87650	/////	0//14	11421	30000	02702

H.M.S.O. Press, Met.O. Bracknell

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42213

Date of Issue SUNDAY 19 JUNE 1977

OBSERVATIONS at 12h. 18 JUNE 1977

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80111	66026	17111	6542/	07708	86614	88460	
Hurn	862	80311	62026	17013	854//	09709	86712	88620	
Manston	797	80211	75022	16612	884//	09604	82710	85811	88622
Gatwick	776	80207	70022	17012	854//	09607	84614	88620	
Kew	775	80307	81025	17712	854//	08706	81710	83712	88616
Heathrow	772	80210	75205	17412	854//	09607	84612	88614	
Honington	586	83611	80605	17711	853//	09603	82708	88612	
Wattisham	590								
Gorleston	497	83622	66022	16611	855//	09705	88625		
Aberporth	502	80310	59052	18912	2567/	09712	82635	88359	
Filton	628	80509	60026	18311	852//	08806	82705	85708	88616
Rhoose	715	80508	59016	18112	7547/	08707	81712	87618	88360
Hartland Point	703	70217	60032	18213	55431	10504	82710	84630	86360
Mount Batten	827	80804	70026	17414	7242/	10703	83715	87820	88458
St. Mawgan	817	70112	65025	17314	5843/	10802	83815	83628	86359
Scilly	804	80512	50055	18814	854//	12301	87612		
Culdrose	809	80905	40052	17812	852//	10101	83704	85612	88623
Guernsey	894	80411	57052	16411	853//	10500	83706	85708	88611
Elmdon	534	80309	60215	19210	853//	07506	82709	86612	88620
Cardington	559	80511	70025	18412	854//	10603	81612	88618	
Wittering	462	80213	84025	18511	854//	08707	86611	88614	
Watnall	354	80309	65025	19111	864//	08808	88711		
Shawbury	414	80108	63042	19511	884//	08608	82710	84815	88630
Finningley	360	80111	86038	19111	854//	08805	88612		
Spurn Point	396	60217	70216	19012	654//	08803	83715	86625	
Leeming	257	80112	75035	20511	884//	07804	86814	88635	
Tynemouth	262	63517	81022	21211	25531	09804	82625	85358	
Carlisle	222	70404	81012	20613	755//	08809	83627	87635	
Valley	302	80310	70212	20313	854//	09807	88618		
Ringway	334	80210	62026	19911	854//	07706	88616		
Squires Gate	318	80405	75012	20312	884//	09806	83818	88628	
Ronaldsway	204	70812	82015	20912	785//	07804	81820	83626	85632
Mull of Galloway	131	72305	81022	21613	3563/	09603	83635	87360	
Eskdalemuir	162	33607	80011	20613	35601	06807	83640		
Prestwick	135	22807	65011	21415	28500	05707	81820		
Abbotsinch	140	21802	70011	20916	28500	06711	81826		
Leuchars	171	70000	82032	20715	785//	08710	82822	87626	
Dyce	091	83218	82505	20812	854//	08802	85713	88618	
Lerwick	005	80216	80025	20110	854//	08703	84710	88618	
Wick	075	73414	75026	21811	754//	09500	82710	87616	
Sule Skerry	010	83612	74025	23011	3551/	09601	83625	88458	
Cape Wrath	049	83606	82035	23210	855//	08703	88620		
Stornoway	026	80613	84022	23411	884//	08604	81815	83625	88632
Benbecula	022	73311	87025	23414	785//	09603	81822	87630	
Tiree	100	73516	87011	22713	784//	11704	81814	87630	
Aldergrove	917	63007	70031	20915	685//	10710	84822	85640	
Malin	980	23613	82020	23012	28500	09001	81820		
Belmullet	976	50218	81012	23514	584//	09801	81718	83821	
Birr	965	70107	80022	21314	785//	08709	84820	87636	
Dublin	969	80505	81022	21212	854//	08706	84716	85622	88632
Shannon	962	70410	80022	20916	785//	08710	84628	85638	
Roches Point	952	81008	56052	20214	884//	09506	84819	88642	
Valentia	953	70308	57052	21114	756//	09601	87638		

OBSERVATIONS at 18h. 18 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70108	70022	16112	754//	08706	82615	87622	
Hurn	862	80107	57052	16013	855//	09603	83620	88630	
Manston	797	80111	75022	14212	853//	10809	85707	88614	
Gatwick	776	80107	70028	15213	854//	10707	83616	88618	
Kew	775	80309	80026	15913	854//	08707	82715	88622	
Heathrow	772	80210	75032	15913	854//	08706	83618	88621	
Honington	586	83511	82036	15911	854//	08607	85710	88614	
Wattisham	590								
Gorleston	497	83416	56025	15111	864//	10710	88715		
Aberporth	502	83506	63022	17812	855//	10707	84625	88645	
Filton	628	80310	50052	17212	854//	09805	84615	88618	
Rhoose	715	80405	59052	17012	854//	08806	81712	88624	
Hartland Point	703	80705	60022	17512	854//	10607	85710	88640	
Mount Batten	827	80407	56052	16913	4562/	09603	84635	88458	
St. Mawgan	817	73610	56052	17013	754//	09503	84618	87650	
Scilly	804	80309	56021	18513	853//	11001	82708	88625	
Culdrose	809	82602	13105	17311	863//	11802	82709	86712	88715
Guernsey	894	80211	62022	15711	853//	10601	84709	87612	
Elmdon	534	80306	59582	17611	853//	09504	83709	87612	88618
Cardington	559	80510	68602	17011	854//	10605	88616		
Wittering	462	80313	84026	17211	854//	08605	88612		
Watnall	354	80106	75602	18011	854//	08505	86712	88615	
Shawbury	414	80208	57042	18111	854//	09504	88614		
Finningley	360	83606	86022	17912	854//	08606	88617		
Spurn Point	396	73514	64205	17510	763//	09808	87707	87620	
Leeming	257	80114	65032	18911	854//	08604	88616		
Tynemouth	262	83614	69022	19511	855//	09807	88625		
Carlisle	222	21007	85021	18417	18602	09707	81832		
Valley	302	70510	70032	18914	755//	08704	87622		
Ringway	334	80607	62022	18412	855//	07606	88620		
Squires Gate	318	80606	65022	18613	855//	09607	84625	88630	
Ronaldsway	204	62005	75012	19013	685//	08708	81825	86632	
Mull of Galloway	131	22708	84011	18913	25600	11712	82630		
Eskdalemuir	162	30306	85030	17916	38602	08608	81840	83648	
Prestwick	135	12607	66020	18516	15600	10814	81630		
Abbotsinch	140	12307	75020	17519	18600	10811	81830		
Leuchars	171	21112	82021	19213	28500	09505	81820		
Dyce	091	63319	82026	19411	65402	07606	86615		
Lerwick	005	83615	75025	19009	854//	07604	84710	88620	
Wick	075	63315	81012	20509	655//	07604	83625	85640	
Sule Skerry	010	83610	66022	21710	855//	07707	88625		
Cape Wrath	049	83605	80022	22009	855//	07704	88620		
Stornoway	026	73610	84022	22311	755//	06705	82625	87634	
Benbecula	022	13416	87011	22112	15600	08604	81635		
Tiree	100	13517	89021	20713	18531	09609	81820		
Aldergrove	917	13512	88011	19515	15601	08801	81630		
Malin	980	23314	82011	21312	28500	09708	81820		
Belmullet	976	83611	80258	22613	835//	10703	85820	82920	87637
Birr	965	73601	80022	19417	785//	10709	83821	87636	
Dublin	969	30905	75011	19314	25502	09805	82625	83070	
Shannon	962	70000	80022	20116	786//	10704	81830	87645	
Roches Point	952	70000	50052	19713	5547/	09706	81718	85640	87359
Valentia	953	70113	66052	20714	785//	09501	81824	87640	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00121	000	+	+
Hurn	862	00131	000	+	+
Manston	797	97131	000	+	d.d.
Gatwick	776	97131	000	pr.	+
Kew	775	97131	000	[redacted] d.-r.	+
Heathrow	772	97131	000	d.	+
Honington	586	97120	000	d.-r.	+
Wattisham	590				
Gorleston	497		000		
Aberporth	502	00140	004	+	+
Filton	628	97130	001	+	id.
Rhoose	715	91130	000	ir.	+
Hartland Point	703	00140	014		
Mount Batten	827	00151	000	+	+
St. Mawgan	817	00151	017	+	+
Scilly	804	00151	025	+	+
Culdrose	809	97141	000	id.	id.d.d.
Guernsey	894	97121	000	+	ir.
Elmdon	534	97111	000	d.r.	ir.d.r.d.r.
Cardington	559	91131	001	+	ir.
Wittering	462	97121	001	d.	r.
Watnall	354	97121	002	d.	r.id.
Shawbury	414	00121	000	+	+
Finningley	360	97121	001	pr.	+
Spurn Point	396			ir.	id.
Leeming	257	00131	001	+	+
Tynemouth	262	97121	018	+	id.
Carlisle	222	00170	059	+	+
Valley	302	97140	005	ir.	+
Ringway	334	00120	000	+	+
Squires Gate	318	00130	007	+	+
Ronaldsway	204	00140	063	+	+
Mull of Galloway	131	00150			
Eskdalemuir	162	00171	094	+	+
Prestwick	135	00160	101	+	+
Abbotsinch	140	00200	102	+	+
Leuchars	171	00161	096	+	+
Dyce	091	97130	048	id.d.r.	+
Lerwick	005	97111	000	id.	+
Wick	075	97131	019	id.	+
Sule Skerry	010	00120			
Cape Wrath	049	00100	000	+	+
Stornoway	026	00121	005	+	+
Benbecula	022	00160	079	+	+
Tiree	100	00150	114	+	+
Aldergrove	917	00170	080	+	+
Malin	980	0014	134		
Belmullet	976	9715	054		
Birr	965	0017	010		
Dublin	969	0015	056		
Shannon	962	0017	007		
Roches Point	952	0015	004		
Valentia	953	0016	015		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

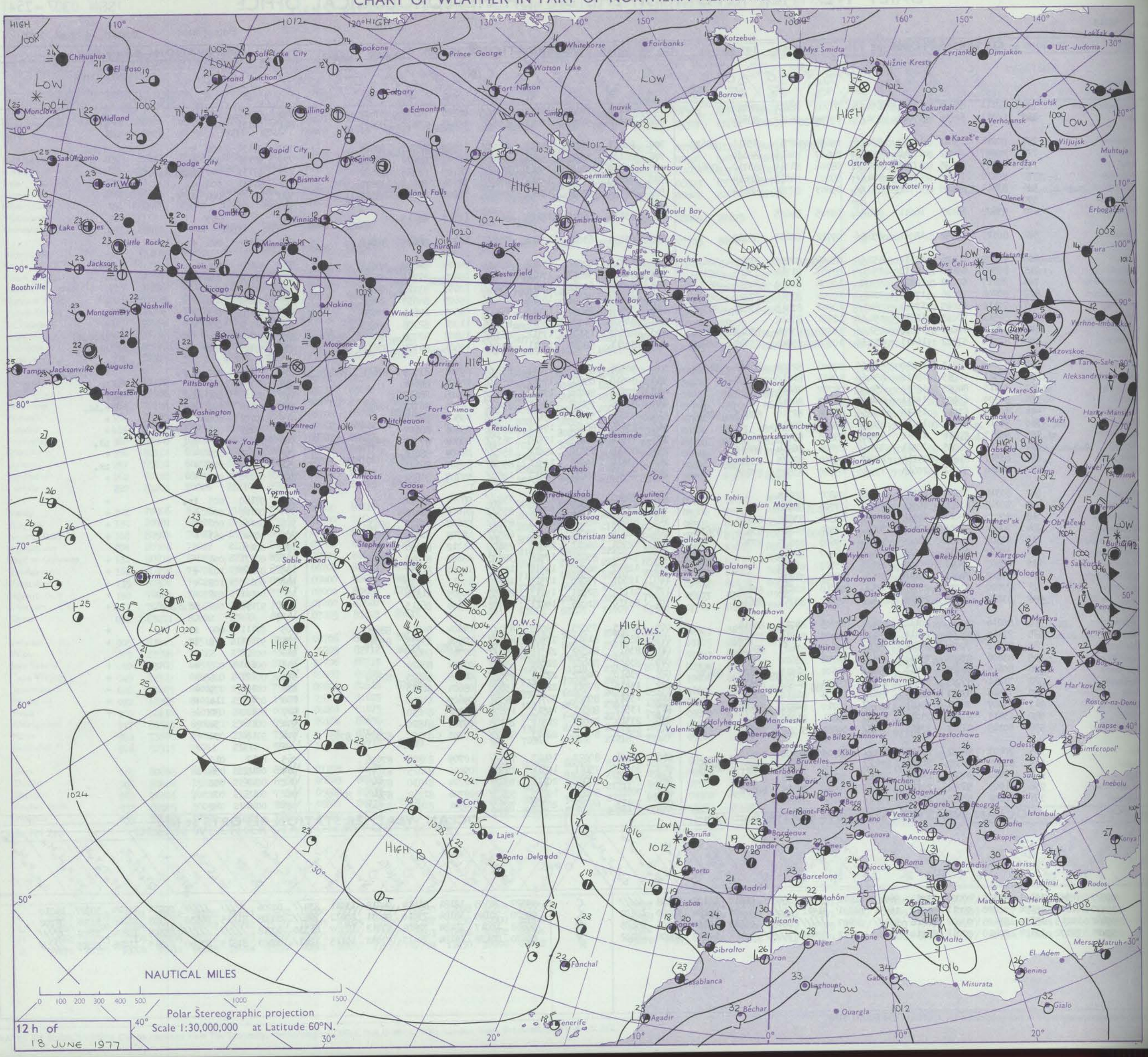
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	18121	81315	97026	15911	864//	00812	88714	/////	00210	11108	30808	/////
L	99570	70200	18124	20000	99011	30212	16431	00801	81712	/////	0//07	11284	30000	10602
M	99662	10015	18124	83105	97022	21806	863//	00807	/////	/////	05503	10850	30201	26603
R	99470	70172	18124	50410	97012	18214	55640	00212	85640	/////	0//14	11458	30000	04802

OCEAN WEATHER STATION REPORTS at 18h.

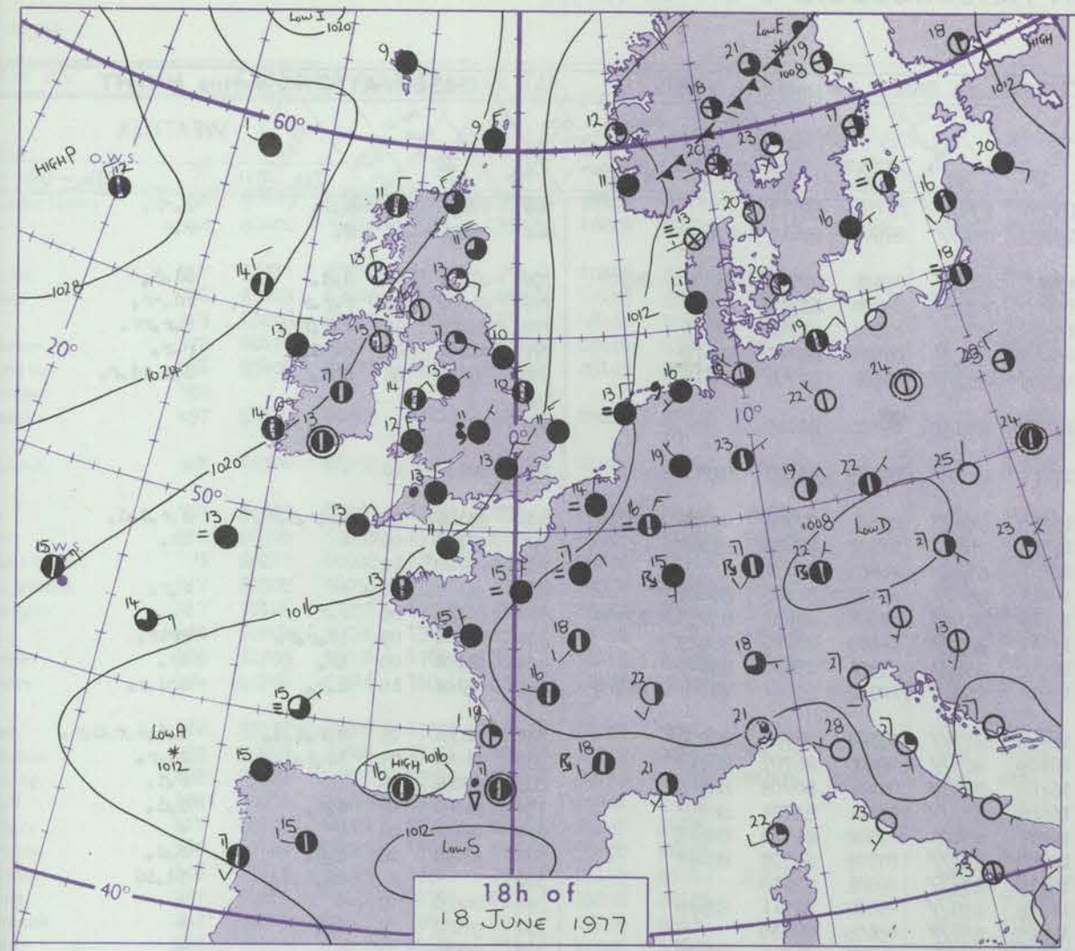
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	18181	81414	94818	13011	834//	00706	/////	/////	00211	11024	30707	14010
L	99570	70199	18184	73010	98031	29412	784//	00608	81815	86630	0//08	11266	30301	08702
M	99662	10017	18184	72808	97012	18707	66330	00718	/////	/////	05305	10874	30301	/////
R	99470	70172	18184	70413	97032	19115	1243/	00303	81815	87360	0//15	11486	30703	/////

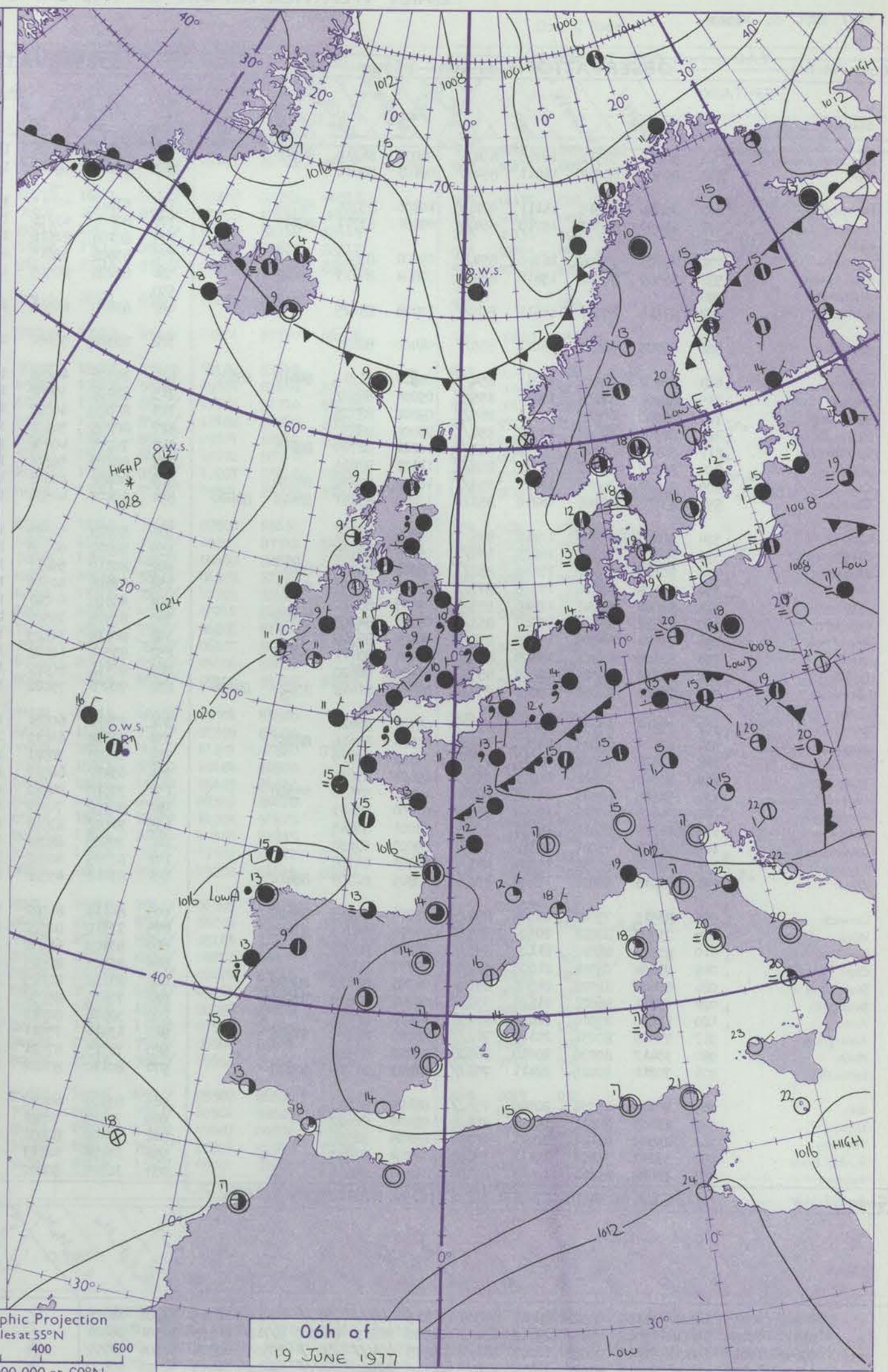
Times of observation printed in this publication are GREENWICH MEAN TIME.

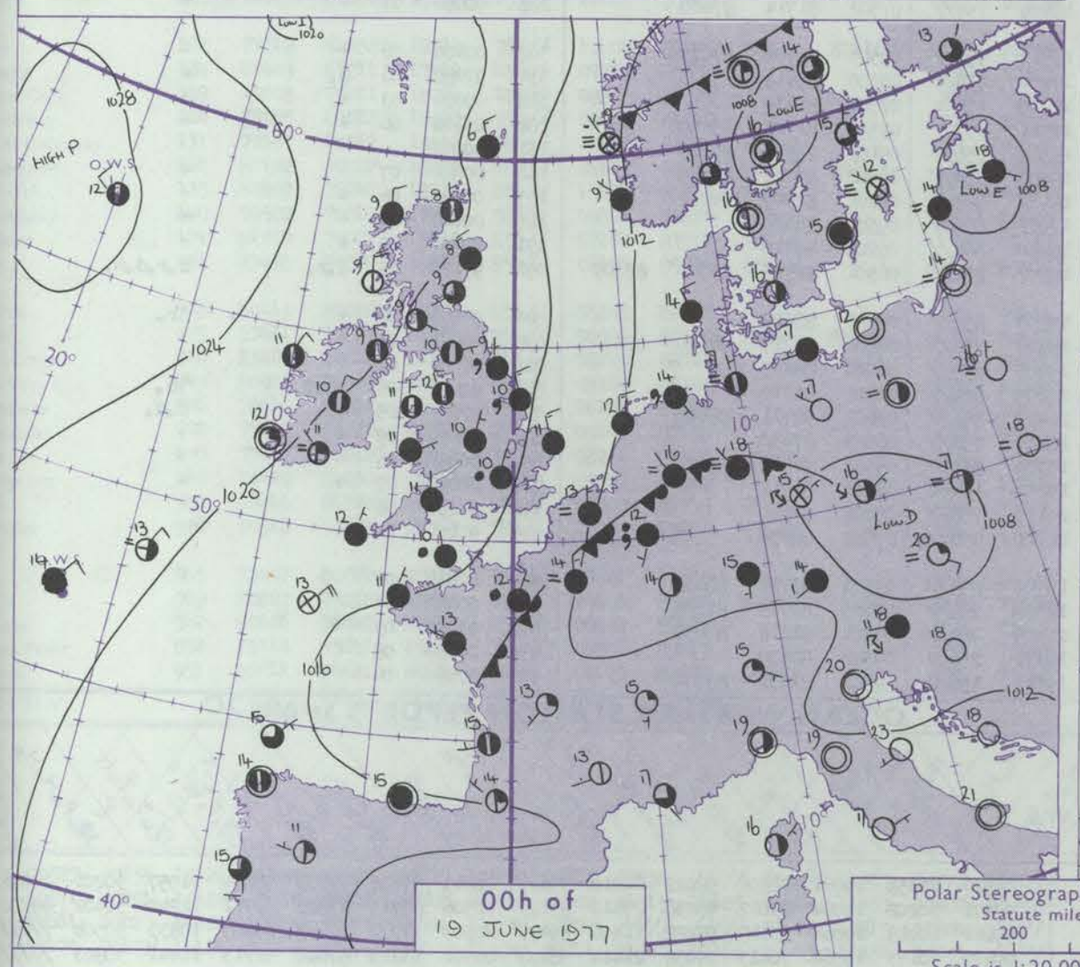
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE







Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SUNDAY 19 JUNE 1977

An anticyclone to the south of Iceland has remained almost stationary over the past 24 hours with a ridge extending south to the Azores. A small low off northwest Spain and another over southern France have both filled but a trough of low pressure has persisted from Germany to Biscay. During the next 24 hours the Atlantic high is expected to drift slowly east and weaken a little. A shallow low over southern Scandinavia is expected to deepen and a trough will extend southwest from the centre to northern France and Biscay. The north to north-easterly flow over the British Isles and the North Sea will be maintained.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

OBSERVATIONS at 00h. 19 JUNE 1977

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80211	57512	16710	854//	08002	86710	88616	
Hurn	862	80306	60022	16411	854//	09103	88614		
Manston	797	83614	40515	14111	872//	10803	85704	88706	
Gatwick	776	83607	65022	15710	854//	09001	83711	88614	
Kew	775								
Heathrow	772	80205	75606	16310	854//	09000	85613	88618	
Honington	586	83509	82022	15610	854//	07804	84713	88618	
Wattisham	590								
Gorleston	497	83515	66022	14611	855//	10705	88625		
Aberporth	502	80705	60032	18011	855//	08400	88622		
Filton	628	80207	50205	17211	854//	09802	81710	84616	88626
Rhoose	715	80404	57052	17311	855//	09001	88622		
Hartland Point	703	80000	60022	17511	865//	09204	88725		
Mount Batten	827	80303	58052	17012	856//	09000	88632		
St. Mawgan	817	80303	50602	17411	853//	10201	82709	88618	
Scilly	804	80207	59022	18712	855//	11102	88625		
Culdrose	809	80302	50052	17611	855//	10302	83624	88630	
Guernsey	894	83502	40506	16210	853//	10000	83707	86614	88640
Elmdon	534	80203	65026	17810	854//	07501	88616		
Cardington	559	80509	62205	16609	872//	09804	88705		
Wittering	462	80110	64032	17009	853//	08802	86707	88613	
Watnall	354	80104	60516	17709	873//	08706	84706	88710	
Shawbury	414	83604	56042	17810	855//	09805	88620		
Finningley	360	83512	78515	17510	853//	08804	84709	88613	
Spurn Point	396	83514	66515	17010	874//	08804	88710		
Leeming	257	80109	65022	18609	854//	07001	83711	88616	
Tynemouth	262	63618	80025	19209	655//	07400	86620		
Carlisle	222	70803	82031	19010	754//	09001	81618	85620	86636
Valley	302	73605	80031	19011	755//	08703	87626		
Ringway	334	80107	65025	18211	854//	09804	83616	88625	
Squires Gate	318	73408	75022	18512	755//	09803	87629		
Ronaldsway	204	70000	70031	18811	756//	09604	87635		
Mull of Galloway	131	53515	83021	19010	25630	10101	82630	85360	
Eskdalemuir	162	80606	80021	19409	855//	07000	88625		
Prestwick	135	41307	75011	18709	35630	08001	83645		
Abbotsinch	140	50608	65041	18312	35731	09003	83650		
Leuchars	171	62403	66031	19309	663//	08803	86708		
Dyce	091	83313	80032	19208	853//	07805	82708	88610	
Lerwick	005	83513	75022	18506	854//	05706	84713	88620	
Wick	075	73607	80022	20308	754//	06706	84713	87625	
Sule Skerry	010	83208	66022	21108	855//	06704	88625		
Cape Wrath	049	93604	08504	21008	9////	08707	89/00		
Stornoway	026	83608	82022	21509	855//	06708	84622	88628	
Benbecula	022	73511	86021	21609	756//	07706	83630	87640	
Tiree	100	13620	87010	20609	16400	06400	81712		
Aldergrove	917	73509	80031	20109	762//	08000	81705	87706	
Malin	980	33417	80030	20910	36400	08805	83713		
Belmullet	976	70211	80025	22411	754//	06803	81714	87638	
Birr	965	70108	75031	20510	756//	08109	87635		
Dublin	969	23603	80011	19611	25500	08400	82622		
Shannon	962	23609	82011	20211	25700	08105	82650		
Roches Point	952	33207	50101	19111	35600	10708	83640		
Valentia	953	20000	80011	20412	25600	10805	82635		

OBSERVATIONS at 06h. 19 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83606	58206	16009	874//	08500	88711		
Hurn	862	70207	59015	15710	754//	08501	84612	87640	
Manston	797	83412	42515	13910	872//	09301	82703	86704	88707
Gatwick	776	80106	63206	15110	874//	09400	83711	88713	
Kew	775	80106	82616	15510	854//	07603	85712	88620	
Heathrow	772	83606	62615	15410	854//	08501	85712	88616	
Honington	586	83208	80505	14909	853//	08501	83706	88616	
Wattisham	590								
Gorleston	497	83610	60515	14010	855//	09400	88625		
Aberporth	502	83502	58052	17111	863//	09505	83707	88710	
Filton	628	80306	45056	16610	853//	08301	81708	85712	88618
Rhoose	715	83402	59052	16510	7553/	08502	87620	88360	
Hartland Point	703	80000	60022	16811	856//	11603	88634		
Mount Batten	827	80205	56602	16511	854//	09302	82716	88628	
St. Mawgan	817	70205	40056	16611	5557/	10501	83628	85650	87459
Scilly	804	80203	59216	17411	884//	11603	86710	88625	
Culdrose	809	80402	40606	16710	856//	09501	85630	88640	
Guernsey	894	80407	40586	15510	850//	10302	83701	84704	86709
Elmdon	534	80207	50585	16809	872//	08304	86705	88708	
Cardington	559	80307	62205	16109	863//	09500	86707	88710	
Wittering	462	80110	59212	16109	853//	08400	86708	88615	
Watnall	354	83606	40515	16908	872//	07102	85704	88707	
Shawbury	414	40308	60041	16911	45400	07302	81710	84615	
Finningley	360	83409	75505	16809	853//	07303	84709	88614	
Spurn Point	396	80114	32525	16210	874//	09301	88710		
Leeming	257	83512	65022	17609	854//	06602	82711	88616	
Tynemouth	262	80118	80022	18009	856//	05605	88630		
Carlisle	222	70806	75022	18409	754//	07502	81714	87620	
Valley	302	73412	60031	17811	752//	09503	84705	87628	
Ringway	334	50308	65011	17409	55400	05500	85618		
Squires Gate	318	10903	70021	17709	15601	07500	81630		
Ronaldsway	204	63412	66012	17411	652//	09500	81705	85650	
Mull of Galloway	131	73610	84012	18509	3563/	09102	83635	87360	
Eskdalemuir	162	80302	70022	18408	854//	06502	83712	88625	
Prestwick	135	71002	63041	18111	783//	09301	81709	84711	
Abbotsinch	140	70505	68041	17911	6563/	09501	86640		
Leuchars	171	82705	62022	18410	864//	09702	88710		
Dyce	091	83412	45586	18707	852//	06501	82705	83706	87707
Lerwick	005	80114	81022	17807	855//	05503	88622		
Wick	075	73510	80022	19307	754//	06501	81715	86620	87630
Sule Skerry	010	83409	66202	19908	855//	06704	88625		
Cape Wrath	049	80905	80025	20209	864//	07701	88710		
Stornoway	026	83612	82025	20409	854//	07602	82711	88628	
Benbecula	022	73613	85032	20409	756//	06503	87630		
Tiree	100	53616	82011	19709	55400	05501	81710	85620	
Aldergrove	917	13411	75011	19209	16400	06603	81712		
Malin	980	73315	87021	20110	756//	05602	87630		
Belmullet	976	80110	80022	21711	856//	07502	88636		
Birr	965	83606	66022	19709	854//	08503	83716	88636	
Dublin	969	72910	70021	18509	754//	07605	81715	87635	
Shannon	962	70104	82031	20309	784//	07201	81818	87630	
Roches Point	952	33108	62011	19111	25602	09302	82639		
Valentia	953	30505	80030	19811	15602	09501	81632	83072	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97091	09	d.d.	d.-r.
Hurn	862	03091	09	d.	r.r
Manston	797	01101	10	d.d.	dd.d.
Gatwick	776	01091	09	r.r.r	rd.-r.
Kew	775	95091	09	r.r.rr.	r.r.rr.
Heathrow	772	91091	09	r.-d.	r.r.
Honington	586	97080	08	d.d.	d.d.id.r.
Wattisham	590				
Gorleston	497				
Aberporth	502	00100	10	+	+
Filton	628	93101	09	id.r.d.r.	d.r.d.d.
Rhoose	715	97100	09	+	id.
Hartland Point	703	00110	10		
Mount Batten	827	91111	10	+	r.r.
St. Mawgan	817	01111	09	r.r	r.
Scilly	804	02111	09	ir.r.r.	rrir.
Culdrose	809	91101	09	ir.	ir.
Guernsey	894	05101	10	d.r.	drd.r.
Elmdon	534	91081	08	d.r.d.d.	d.d.d.r.d.r.
Cardington	559	91091	09	id.d.d.	id.r.
Wittering	462	97081	08	+	r.d.
Watnall	354	91081	08	d.d.	d.d.
Shawbury	414	00101	08	+	+
Finningley	360	97091	08	d.d.	d.d.
Spurn Point	396			id.d.d.	id.id
Leeming	257	00081	07	+	+
Tynemouth	262	97091	08	id.	+
Carlisle	222	00090	07	+	+
Valley	302	00100	06	+	+
Ringway	334	97080	06	d.	+
Squires Gate	318	00060	03	+	+
Ronaldsway	204	00100	06	+	+
Mull of Galloway	131	00090			
Eskdalemuir	162	00081	07	+	+
Prestwick	135	00090	06	+	+
Abbotsinch	140	00110	09	+	+
Leuchars	171	00071	05	+	+
Dyce	091	97070	07	d.r.	d.r.d.r.
Lerwick	005	97060	06	+	ir.
Wick	075	00071	06	+	+
Sule Skerry	010	97060	07		
Cape Wrath	049	97071	06	id.f	id.
Stornoway	026	97081	05	id.	d.d.
Benbecula	022	00090	09	+	+
Tiree	100	00080	06	+	+
Aldergrove	917	00090	07	+	+
Malin	980	00090	08		
Belmullet	976	97101	10		
Birr	965	00080	07		
Dublin	969	00080	03		
Shannon	962	97070	03		
Roches Point	952	00100	08		
Valentia	953	97080	04		

OCEAN WEATHER STATION REPORTS at 00h.

Code FM 21.V

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19001	72105	98022	16011	75500	00215	/////	/////	00210	11045	3//01	14/06
L	99571	70199	19004	73012	98032	28712	6847/	61000	81818	86630	0/A0	11255	30501	26601
M	99662	10017	19004	82919	97022	14007	863//	00728	/////	/////	05305	10874	30504	/////
R	99470	70172	19004	80312	97022	21614	856//	00112	88640	/////	0/A4	11455	30703	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19061	72206	98022	19010	756//	00215	87632	/////	00009	11057	30201	14006
L	99571	70202	19064	83012	98036	27412	854//	00506	85713	87622	0/A1	11240	30402	99/02
M	99661	10018	19064	83118	97028	11406	894//	00605	/////	/////	05403	10833	30504	/////
R	99470	70173	19064	70413	97038	21414	784//	00501	83815	87640	0/A3	11441	30803	/////

H.M.S.O. Press, Met.O. Bracknell

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

No. 42214

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue MONDAY 20 JUNE 1977

Code FM 11.V OBSERVATIONS at 12h. 19 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80109	68206	17210	854//	07106	86710	88640	
Hurn	862	80000	56216	17111	854//	10208	82710	86616	88630
Manston	797	83511	70025	15212	854//	10106	85710	88615	
Gatwick	776	83603	62616	16411	854//	10106	85614	88620	
Kew	775	80206	81026	16613	854//	08103	85715	88620	
Heathrow	772	80110	80026	16712	854//	09106	83615	88618	
Honington	586	83408	84215	16012	854//	08103	83614	88622	
Wattisham	590								
Gorleston	497	80118	60205	15211	855//	09206	88625		
Aberporth	502	63306	66052	18113	65430	11801	84712	85620	
Filton	628	80507	60205	17811	853//	08104	85708	88615	
Rhoose	715	80706	59055	17313	854//	09003	81710	88625	
Hartland Point	703	80210	60022	17613	854//	10002	82710	88640	
Mount Batten	827	80307	56056	17313	5562/	09304	85630	88457	
St. Mawgan	817	70106	57056	17513	784//	09102	83814	87650	
Scilly	804	80204	56026	18615	854//	13104	84710	88625	
Culdrose	809	81205	56056	17611	855//	10103	83620	88640	
Guernsey	894	80206	59616	16811	852//	10105	84703	86705	88612
Elmdon	534	80307	64026	17811	854//	07002	82713	87618	
Cardington	559	70410	67506	17311	754//	10107	84614	87617	
Wittering	462	83612	59516	17511	853//	08110	83708	86709	88612
Watnall	354	50210	76015	17414	55500	07801	85625		
Shawbury	414	40408	61041	17715	48500	09803	84820		
Finningley	360	60109	81025	17613	655//	06400	86626		
Spurn Point	396	73617	68025	17511	754//	07106	83710	87625	
Leeming	257	80213	65022	18711	855//	06802	88628		
Tynemouth	262	80116	69022	19609	856//	07205	88630		
Carlisle	222	71005	80012	18615	755//	10000	87628		
Valley	302	73312	62032	18514	783//	10000	81709	85811	87616
Ringway	334	40409	65011	17914	45600	07704	84630		
Squires Gate	318	13008	75011	18214	18500	09803	81820		
Ronaldsway	204	72005	68012	18913	784//	09103	81712	85816	
Mull of Galloway	131	70307	74022	19016	5863/	11302	83830	83635	
Eskdalemuir	162	80102	80022	18812	854//	08105	82713	86619	88640
Prestwick	135	82807	58042	18713	854//	10204	81712	87615	
Abbotsinch	140	50502	70012	17817	58500	09804	83825	83645	
Leuchars	171	81209	70022	19410	853//	07208	85708	88614	
Dyce	091	83418	80506	19509	854//	06105	85711	88616	
Lerwick	005	80413	82026	19209	855//	05208	88625		
Wick	075	83611	80022	20009	854//	06205	83710	86615	88628
Sule Skerry	010	83405	64022	21110	864//	08205	88715		
Cape Wrath	049	80905	16505	21108	873//	08204	88709		
Stornoway	026	70610	86012	21011	755//	06102	87626		
Benbecula	022	73414	88022	20713	756//	09103	87630		
Tiree	100	73617	87012	19912	755//	08201	81620	87625	
Aldergrove	917	33409	84030	19613	38500	09003	82822		
Malin	980	83610	84022	20211	854//	07000	81718	88630	
Belmullet	976	70512	50505	21713	784//	10702	85715	87637	
Birr	965	73407	80022	20214	756//	08601	87634		
Dublin	969	80803	75032	18913	855//	10803	85620	87630	
Shannon	962	80106	86022	20613	855//	06802	88627		
Roches Point	952	73110	65031	19215	784//	09801	87815		
Valentia	953	50211	84021	20614	58500	08103	82825	84640	

OBSERVATIONS at 18h. 19 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80109	58506	17611	864//	09305	88710		
Hurn	862	83405	57056	17312	6542/	11101	81712	86625	88458
Manston	797	80109	68215	16511	853//	10207	85706	88613	
Gatwick	776	80105	70026	16913	854//	09305	84618	88623	
Kew	775	83607	80212	17612	854//	09308	82712	88615	
Heathrow	772	80207	65602	17612	854//	09208	83612	88617	
Honington	586	83511	84202	17311	854//	08207	82614	88618	
Wattisham	590								
Gorleston	497	83414	60216	16611	855//	10207	88625		
Aberporth	502	60107	57052	17713	654//	12801	83710	86625	
Filton	628	51007	56052	18012	35430	08102	83615		
Rhoose	715	61108	45052	17812	55401	09304	82618	85635	
Hartland Point	703	83505	60022	17912	854//	11302	82710	88635	
Mount Batten	827	82105	45216	17711	854//	10102	84710	88630	
St. Mawgan	817	83508	57052	17713	884//	09501	82812	88626	
Scilly	804	80204	50022	19014	864//	12102	88710		
Culdrose	809	82102	20206	17911	854//	10203	85615	88630	
Guernsey	894	80308	62026	17011	7532/	09501	85707	87630	88458
Elmdon	534	40407	65021	17315	35601	07500	83630		
Cardington	559	70509	60205	18112	784//	09305	83712	84817	85640
Wittering	462	60310	70035	17912	685//	08400	82820	85630	
Watnall	354	43610	82021	18213	38601	06305	81830		
Shawbury	414	73612	62041	17515	785//	11303	83820	87640	
Finningley	360	40111	82021	18213	45502	05211	84625		
Spurn Point	396	73416	75022	18610	754//	06208	81710	87625	
Leeming	257	70312	70012	19710	784//	06207	81814	87645	
Tynemouth	262	83621	69022	20109	856//	05106	88630		
Carlisle	222	61209	80012	18414	684//	09302	81717	83625	86640
Valley	302	10209	75031	18815	18500	09501	81820		
Ringway	334	70508	62021	18215	756//	07306	87630		
Squires Gate	318	73309	72031	18413	745//	11201	81820	87640	
Ronaldsway	204	32006	70011	18913	38500	10104	81820		
Mull of Galloway	131	33406	81031	18814	15630	09103	81630		
Eskdalemuir	162	60511	81012	19012	645//	08306	86620		
Prestwick	135	12611	65021	18713	18500	11304	81825		
Abbotsinch	140	20609	80011	17618	22600	10303	82835		
Leuchars	171	71113	80022	19811	754//	07302	81712	87620	
Dyce	091	83418	84026	20110	854//	05202	81615	88618	
Lerwick	005	70114	82012	20210	755//	06205	87625		
Wick	075	80410	81036	21109	854//	06204	85715	88635	
Sule Skerry	010	80206	74022	22110	885//	08103	82820	88625	
Cape Wrath	049	80505	84025	21909	885//	08202	84820	88625	
Stornoway	026	70412	86022	21910	754//	07203	83616	86628	
Benbecula	022	60112	89012	21113	656//	09103	86630		
Tiree	100	13516	88031	19612	18501	08702	81826		
Aldergrove	917	13208	82020	19313	15500	07501	81625		
Malin	980	73611	84022	20311	756//	06000	87636		
Belmullet	976	73410	80025	21513	784//	10602	85716	83820	
Birr	965	60000	81022	19016	656//	08507	86636		
Dublin	969	71306	70032	18813	755//	10301	82625	87635	
Shannon	962	53410	84021	19317	41602	07607	84838	83075	
Roches Point	952	73108	75022	18815	784//	10803	81817	87638	
Valentia	953	73612	84031	20114	15502	09701	81625	87070	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97121	000	r.d.	r.d.d.
Hurn	862	95121	000	r.	rr.
Manston	797	94131	000	+	d.r.r.d.-d.r.
Gatwick	776	96131	000	r.r.	r.d.
Kew	775	97131	000	+	r.d.
Heathrow	772	97141	000	+	r.
Honington	586	97130	002	r.d.	d.
Wattisham	590				
Gorleston	497		000		
Aberporth	502	00140	056	+	+
Filton	628	97120	004	d.d.-d.	+
Rhoose	715	00140	013	+	+
Hartland Point	703	00130	009		
Mount Batten	827	97131	000	r.	ir.
St. Mawgan	817	00141	001	+	+
Scilly	804	00151	003	+	+
Culdrose	809	97131	000	+	ir.id.
Guernsey	894	01111	000	ir.r.r.d.r.	r.r.id.d.r.
Elmdon	534	97161	057	d.r.d.r.	+
Cardington	559	97121	005	ir.id.d.d.	id.
Wittering	462	97131	014	d.r.dd.d.	+
Watnall	354	00160	084	+	+
Shawbury	414	97170	068	+	pr.
Finningley	360	00160	082	+	+
Spurn Point	396			id	+
Leeming	257	00120	001	+	+
Tynemouth	262	00101	000	+	+
Carlisle	222	00160	025	+	+
Valley	302	00160	054	+	+
Ringway	334	00160	047	+	+
Squires Gate	318	97150	110	+	pr.
Ronaldsway	204	00160	062	+	+
Mull of Galloway	131	00170			
Eskdalemuir	162	00141	008	+	+
Prestwick	135	00160	075	+	+
Abbotsinch	140	00200	066	+	+
Leuchars	171	00121	008	+	+
Dyce	091	97100	000	id.	d.r.
Lerwick	005	00110	011	+	+
Wick	075	97101	000	ir.d.r.	+
Sule Skerry	010	00100			
Cape Wrath	049	97101	000	id.	+
Stornoway	026	00121	021	+	+
Benbecula	022	00140	087	+	+
Tiree	100	00130	061	+	+
Aldergrove	917	00150	151	+	+
Malin	980	0012	001		
Belmullet	976	9715	006		
Birr	965	0017	038		
Dublin	969	0016	012		
Shannon	962	9718	062		
Roches Point	952	0016	038		
Valentia	953	0016	101		

Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

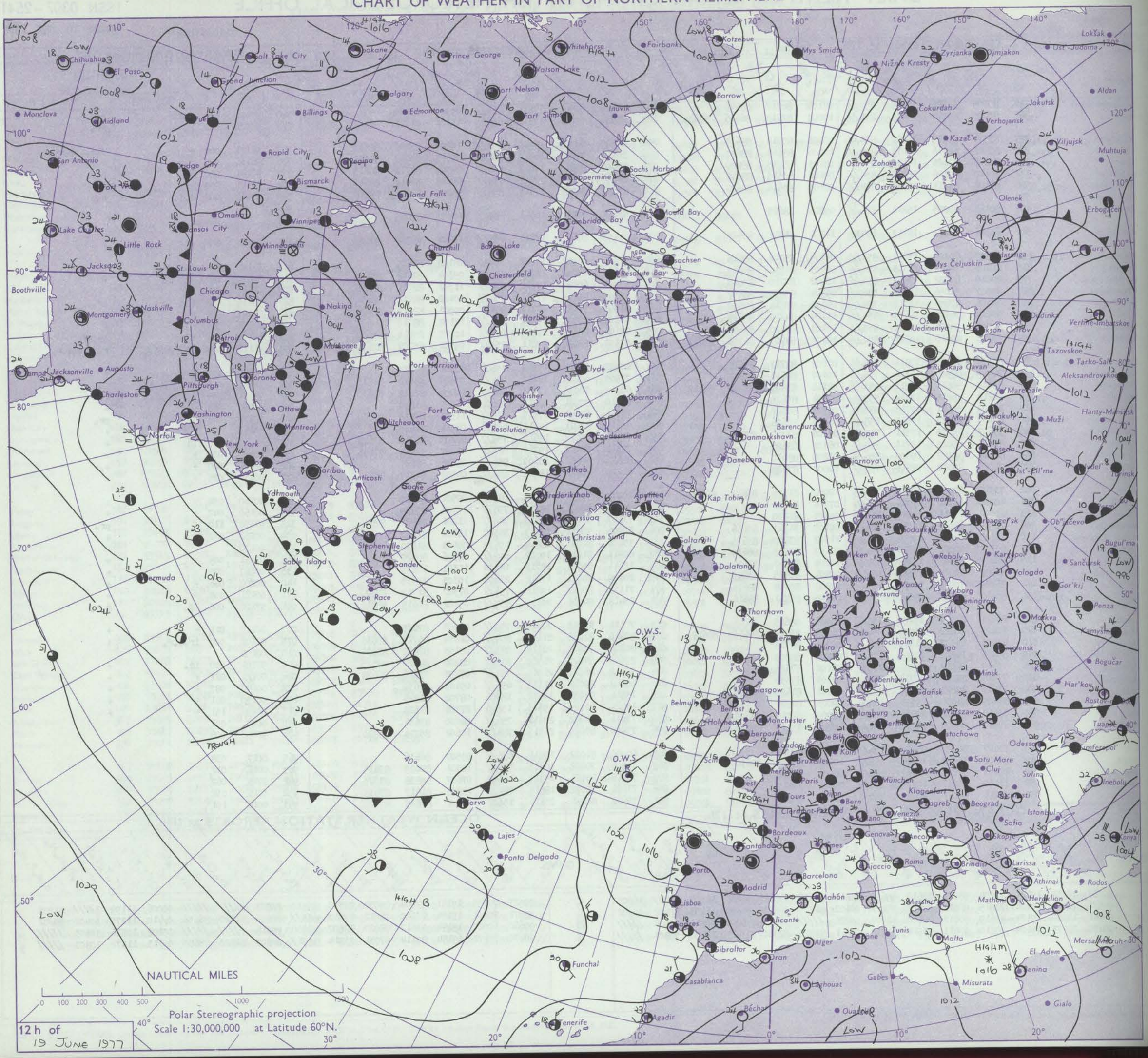
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19121	72004	98022	22610	55650	00219	85636	/////	00006	11067	3////	16005
L	99571	70201	19124	73015	98012	27612	784//	00102	81815	84625	0//09	11253	30402	99/02
M	99661	10020	19124	43619	97012	14606	42400	00226	/////	/////	05202	10819	30504	/////
R	99470	70173	19124	20210	97011	23514	11530	00211	81820	82360	0//13	11454	30803	/////

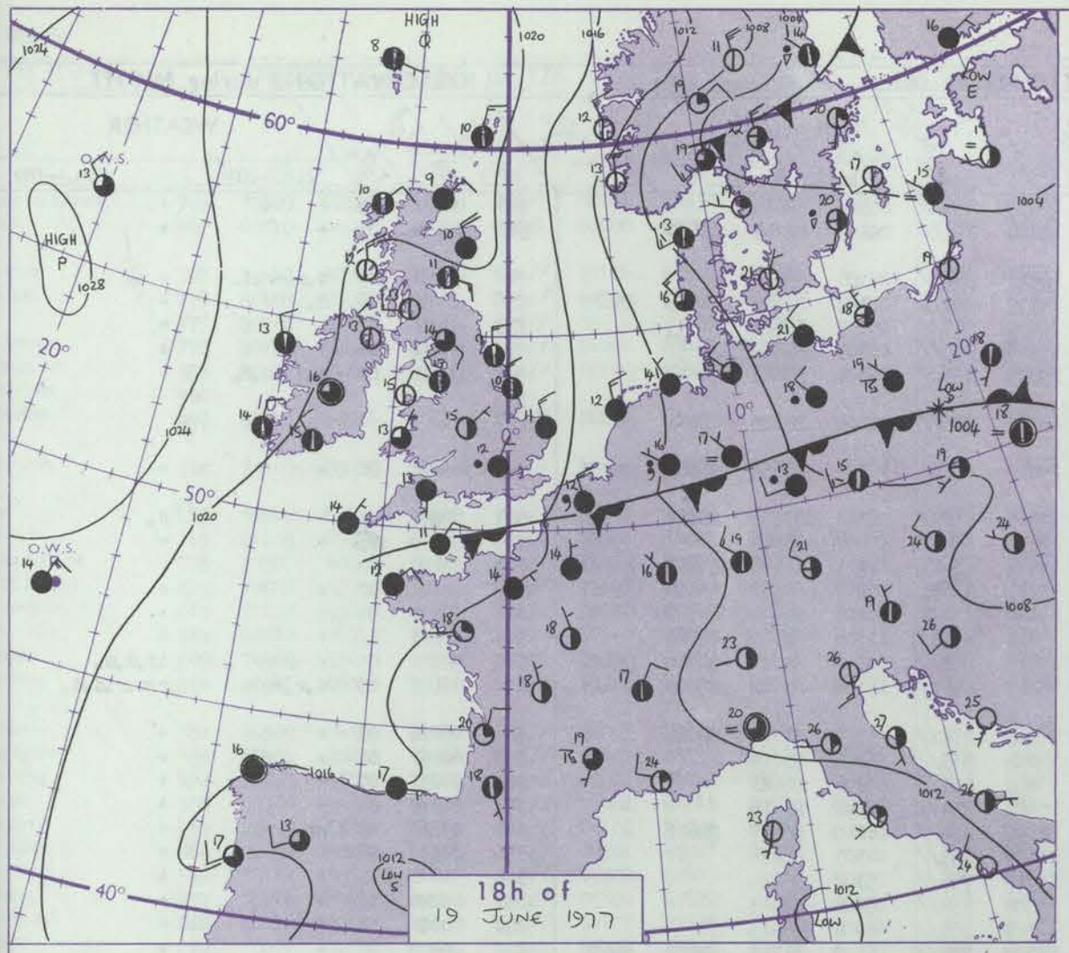
OCEAN WEATHER STATION REPORTS at 18h.

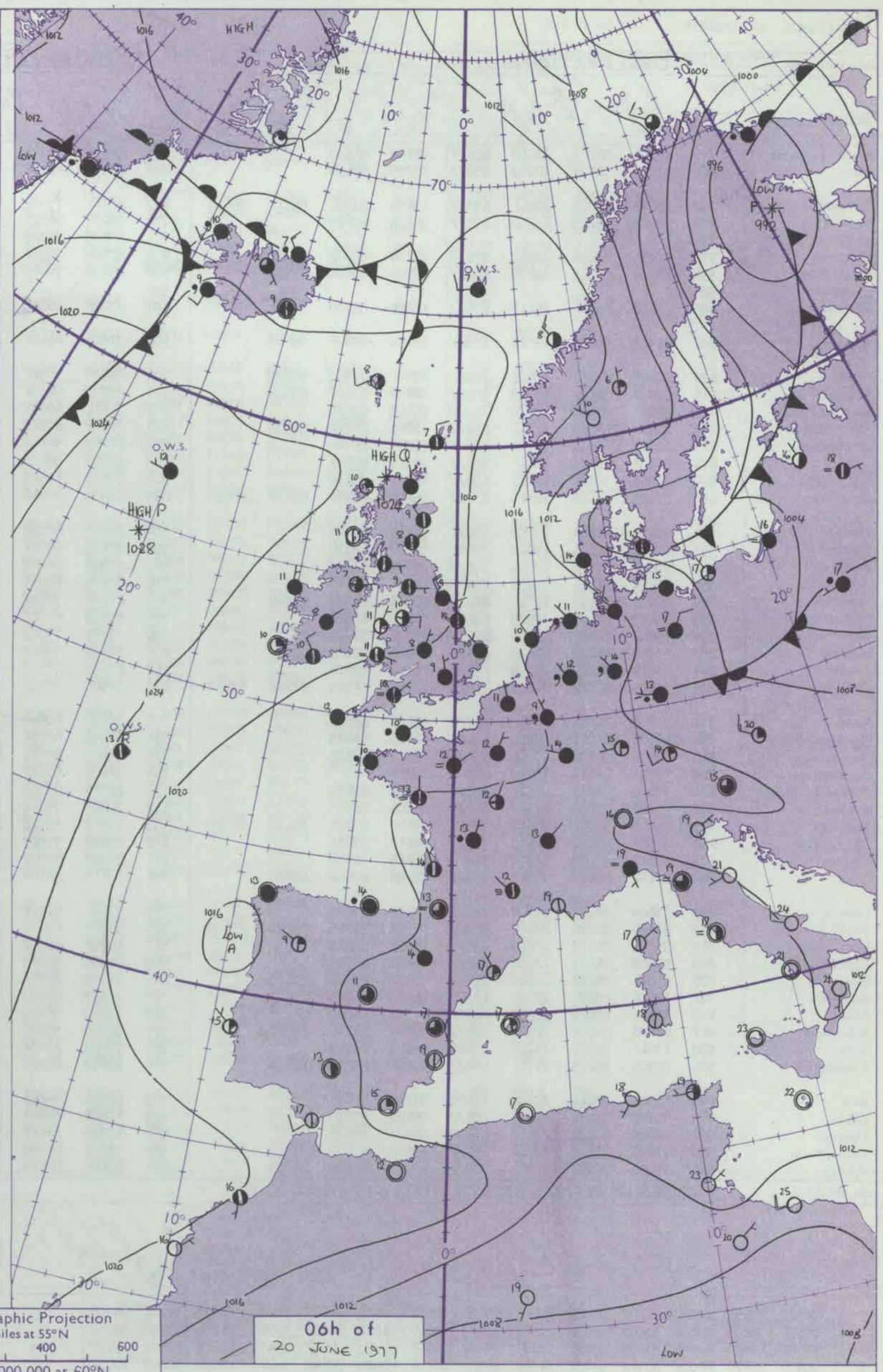
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19181	72004	98032	22310	25530	00803	/////	/////	05006	11199	3////	24005
L	99571	70201	19184	63109	98012	27412	685//	00802	81820	86656	0//10	11275	30402	99/02
M	99660	10020	19184	43612	98020	18507	42500	00218	/////	/////	05102	10836	30503	/////
R	99470	70172	19184	80114	97031	23214	3851/	00803	81820	83650	0//13	11472	30803	/////

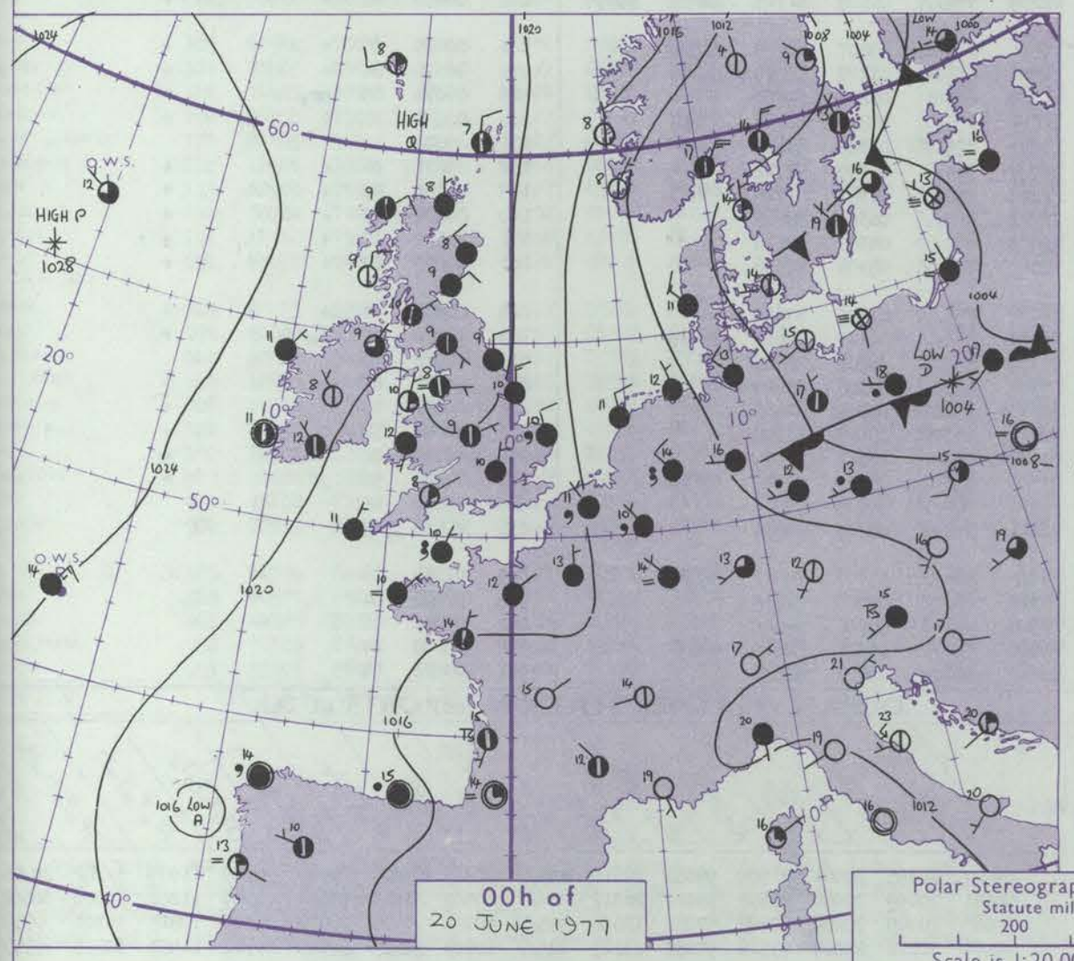
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 20 JUNE 1977

During the past 24 hours pressure remained high to the west of the British Isles, and low to the east, maintaining a cool northerly airstream over most districts. During the next 24 hours the anticyclone to the west of the country will move slowly eastwards, its centre reaching the Hebrides during Tuesday. A complex low pressure area over Scandinavia and the Baltic will move away eastwards. A weak northeasterly airstream will become established over most districts.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

OBSERVATIONS at 00h. — 20 JUNE 1977

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80304	58055	19209	856//	08109	88630		
Hurn	862	83605	56102	18609	856//	09205	88636		
Manston	797	83613	75026	17911	853//	09106	83707	86711	88618
Gatwick	776	80205	65205	18810	855//	09108	88622		
Kew	775								
Heathrow	772	80105	62036	19310	854//	08110	82618	88628	
Honington	586	83205	60205	18809	854//	07204	85614	88616	
Wattisham	590								
Gorleston	497	83412	66516	18110	875//	08204	88720		
Aberporth	502	81902	58052	19012	855//	11104	83628	88645	
Filton	628	70000	25052	19408	20932	07207	82360	87070	
Rhoose	715	70702	56051	18909	754//	08104	83618	87628	
Hartland Point	703	21213	64051	18710	25600	08103	82635		
Mount Batten	827	80902	48106	18511	854//	10003	86711	88630	
St. Mawgan	817	60605	65012	18411	655//	09001	86626		
Scilly	804	80203	58022	19411	854//	11001	88614		
Culdrose	809	83402	50102	18111	856//	10801	88630		
Guernsey	894	80305	50586	18110	853//	09101	82706	85612	88630
Elmdon	534	70703	62041	20009	755/1	06110	87626		
Cardington	559	40506	68011	19707	25601	06107	82630		
Wittering	462	70207	66022	19908	755//	05104	87622		
Watnall	354	20104	70011	20207	25400	05101	82617		
Shawbury	414	81203	59048	19711	855//	07108	84625	88640	
Finningley	360	80109	84021	19909	855//	04005	88622		
Spurn Point	396	83616	70022	19510	855//	05003	88620		
Leeming	257	83510	68022	20809	854//	04000	88618		
Tynemouth	262	83619	80022	21009	855//	05102	88625		
Carlisle	222	71204	80022	21109	754//	07108	81715	85622	87637
Valley	302	30105	62041	19910	25702	08106	82650		
Ringway	334	40708	65011	20209	45500	06105	84625		
Squires Gate	318	70906	58108	20208	755//	08208	87622		
Ronaldsway	204	03505	82011	19710	00900	07204			
Mull of Galloway	131	70312	83031	20510	756//	09209	87630		
Eskdalemuir	162	80203	70032	21507	864//	05006	88710		
Prestwick	135	70607	68021	20610	6547/	09110	83615	84618	86640
Abbotsinch	140	70808	65041	21110	756//	06112	87630		
Leuchars	171	80510	75022	21409	854//	05105	88616		
Dyce	091	83212	84022	21908	854//	05106	82614	88616	
Lerwick	005	73609	81022	21707	755//	04106	87625		
Wick	075	83605	80026	22408	854//	07002	81715	85620	88628
Sule Skerry	010	80505	74022	23209	855//	06203	88625		
Cape Wrath	049	81405	84022	23008	855//	06203	88620		
Stornoway	026	70611	84012	22609	754//	07102	83618	87625	
Benbecula	022	10206	89021	22007	15500	06105	81625		
Tiree	100	13611	88020	20809	00901	09207	81080		
Aldergrove	917	60203	80021	20709	664//	07004	81710	86714	
Malin	980	13410	84021	21210	18402	09105	81817		
Belmullet	976	80304	68205	21711	864//	09001	85716	86636	
Birr	965	13304	75011	20608	15600	07208	81636		
Dublin	969	70303	70032	19911	756//	09103	87630		
Shannon	962	43608	80031	20410	45600	08004	84645		
Roches Point	952	73107	75022	19812	757//	10103	87650		
Valentia	953	70000	80032	20811	785//	10003	82820	87633	

OBSERVATIONS at 06h. — 20 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80406	70022	19909	854//	05309	88615		
Hurn	862	80507	60032	19410	854//	08209	82718	88635	
Manston	797	80111	75022	18510	854//	07306	88610		
Gatwick	776	80208	66022	19209	854//	07308	82710	86615	88620
Kew	775	80105	75022	20009	855//	05307	88620		
Heathrow	772	83506	72022	19909	855//	05308	88622		
Honington	586	83106	75015	19309	855//	06304	88623		
Wattisham	590								
Gorleston	497	83205	66025	18510	855//	06204	88625		
Aberporth	502	71004	45101	20411	65732	10309	86650	83360	85072
Filton	628	80505	56502	20409	853//	08312	83709	88615	
Rhoose	715	80703	46051	19610	854//	09208	88619		
Hartland Point	703	70611	60031	19411	15618	10307	81635	83460	85270
Mount Batten	827	70702	60022	19111	45678	09207	81632	83650	87362
St. Mawgan	817	61103	50051	19110	25672	06208	82640	84358	85075
Scilly	804	80603	58022	19412	6547/	11306	82710	86625	
Culdrose	809	81403	15515	19010	852//	10108	84704	84710	88620
Guernsey	894	80605	30616	18210	851//	10304	83702	85704	87613
Elmdon	534	80205	60042	20908	854//	05207	81710	88622	
Cardington	559	80105	66021	20208	855//	06206	88628		
Wittering	462	83508	64022	20408	855//	05206	88623		
Watnall	354	80203	62031	20908	854//	04206	88616		
Shawbury	414	80106	57042	21009	854//	06210	85711	88612	
Finningley	360	83406	84022	20609	855//	04303	88621		
Spurn Point	396	73511	75022	19710	755//	05302	87620		
Leeming	257	83408	75022	21508	854//	05205	88618		
Tynemouth	262	83618	80022	21609	855//	06306	88625		
Carlisle	222	70903	75022	22209	754//	06309	81715	84622	86635
Valley	302	30206	60040	20811	16202	09207	81705	83075	
Ringway	334	70408	62031	21508	65501	03207	82625	86635	
Squires Gate	318	50908	80012	21710	45601	06208	84630		
Ronaldsway	204	71008	63011	21611	754//	08212	82712	87618	
Mull of Galloway	131	81513	81032	21910	3551/	07309	83625	88460	
Eskdalemuir	162	70206	70012	22707	764//	04309	87712		
Prestwick	135	70907	68022	22210	754//	07311	81716	87623	
Abbotsinch	140	80804	70022	22211	854//	06308	88618		
Leuchars	171	70402	80022	22408	754//	04306	87616		
Dyce	091	73113	84022	22309	754//	05306	87616		
Lerwick	005	73611	81022	22407	755//	03305	87625		
Wick	075	83507	82022	23209	855//	06207	84622	88630	
Sule Skerry	010	80202	82022	23709	855//	06205	88625		
Cape Wrath	049	70904	84012	23308	755//	06306	87620		
Stornoway	026	20809	82011	23310	25400	07209	81618		
Benbecula	022	10307	89020	22710	16300	08107	81708		
Tiree	100	10000	86020	22111	00901	10312	81077		
Aldergrove	917	50804	58021	21907	55300	06207	81708	84618	
Malin	980	70000	83031	21610	764//	09305	87714		
Belmullet	976	83607	82032	22211	856//	06205	88636		
Birr	965	80501	64021	21708	864//	07307	84717	88636	
Dublin	969	10402	62101	21310	11402	08209	81815		
Shannon	962	43506	82011	21509	45600	07206	84640		
Roches Point	952	73308	80032	20410	756//	09304	84640	87656	
Valentia	953	20000	81015	20710	25600	09303	82633		

NOT A CORRECTION

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_h$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00081	05	+	+
Hurn	862	00081	06	+	+
Manston	797	95091	09	d.r.-r.d.	+
Gatwick	776	97081	08	d.	+
Kew	775	00081	07	+	+
Heathrow	772	00081	06	+	+
Honington	586	97080	08	d.d.1d.d.	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00090	06	+	+
Filton	628	97080	02	+	d.
Rhoose	715	00090	03	+	+
Hartland Point	703	00100	09		
Mount Batten	827	00101	07	+	+
St. Mawgan	817	00081	06	+	+
Scilly	804	00111	12	+	+
Culdrose	809	92091	09	+	1d.d.d.
Guernsey	894	09102	09	d.r.rr	rrr.r.d.d.
Elmdon	534	00070	05	+	+
Cardington	559	00051	01	+	+
Wittering	462	00081	07	+	+
Watnall	354	00070	04	+	+
Shawbury	414	97080	08	pr.	+
Finningley	360	00090	08	+	+
Spurn Point	396			+	+
Leeming	257	00080	07	+	+
Tynemouth	262	00091	08	+	+
Carlisle	222	00080	08	+	+
Valley	302	00080	06	+	+
Ringway	334	00070	04	+	+
Squires Gate	318	97070	05	pr.	+
Ronaldsway	204	00080	07	+	+
Mull of Galloway	131	00090			
Eskdalemuir	162	00071	06	+	+
Prestwick	135	00100	07	+	+
Abbotsinch	140	00100	08	+	+
Leuchars	171	00080	07	+	+
Dyce	091	00070	07	+	+
Lerwick	005	00060	04	+	+
Wick	075	97070	07	d.r.	+
Sule Skerry	010	00070	08		
Cape Wrath	049	00071	07	+	+
Stornoway	026	00080	06	+	+
Benbecula	022	00040	52	+	+
Tiree	100	00070	00	+	+
Aldergrove	917	00060	50	jf	+
Malin	980	97070	02		
Belmullet	976	91100	09		
Birr	965	97050	03		
Dublin	969	97090	04		
Shannon	962	97080	06		
Roches Point	952	00100	07		
Valentia	953	97080	04		

OCEAN WEATHER STATION REPORTS at 00h.

Code FM 21.V

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20001	71607	98022	20010	65630	00712	86646	/////	00008	11099	3//01	24/06
L	99571	70200	20004	63006	98031	27312	685//	00000	81820	84630	0//10	11261	30402	99/02
M	99660	10020	20004	53409	98031	19305	34544	00103	/////	/////	05450	10819	30402	/////
R	99470	70170	20004	80313	97022	24014	885//	00108	82820	88640	0//11	11470	30803	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20061	81509	98032	14710	855//	00725	88620	/////	00009	11079	3//02	24/06
L	99571	70199	20064	82703	98022	26312	844//	00502	81817	83631	0//09	11262	30000	36602
M	99660	10019	20064	82708	97032	18606	855//	00704	/////	/////	05301	10815	30301	/////
R	99470	70172	20064	73516	97032	23213	785//	00603	83820	87640	0//12	11485	30803	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press. Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307-2541

No. 42215 Date of Issue TUESDAY 21 JUNE 1977

Code FM 11.V OBSERVATIONS at 12h. 20 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70309	72022	20611	756//	04001	83630	87645	
Hurn	862	60210	75012	20213	35531	06400	83625		
Manston	797	80110	82022	20011	884//	07106	85816	88628	
Gatwick	776	80108	70022	20511	855//	07104	86621	88645	
Kew	775	80206	70012	20911	885//	05102	82825	88630	
Heathrow	772	80208	72012	20712	855//	06001	85622	88630	
Honington	586	83407	84022	20511	855//	06105	86628	88635	
Wattisham	590								
Gorleston	497	83412	66026	20112	855//	06208	88625		
Aberporth	502	73605	59052	21413	11508	10104	81825	87275	
Filton	628	70510	64025	21412	785//	05001	84826	87650	
Rhoose	715	81109	65052	20613	68507	08802	81821	86645	88270
Hartland Point	703	80506	60022	20713	854//	10101	85710	88625	
Mount Batten	827	70907	58052	20214	784//	10102	84818	84630	87650
St. Mawgan	817	70107	59022	20414	784//	10206	83815	87626	
Scilly	804	60710	56012	21214	35470	12210	82610	86360	
Culdrose	809	70909	57055	20314	22471	10107	82818	84360	
Guernsey	894	80511	66026	19711	853//	09210	81708	85611	87625
Elmdon	534	80309	64042	21811	855//	04003	82624	88628	
Cardington	559	80406	80022	21211	885//	07103	83820	83825	88635
Wittering	462	80109	83022	21411	885//	06002	86822	88630	
Watnall	354	80308	80022	21911	884//	06002	81815	86618	88640
Shawbury	414	70409	65022	21812	785//	06102	84822	87630	
Finningley	360	70106	82022	21213	785//	06801	85823	87635	
Spurn Point	396	70114	80022	21611	755//	07208	87620		
Leeming	257	70211	75012	22712	755//	05304	87622		
Tynemouth	262	80117	80022	23409	855//	07107	88625		
Carlisle	222	50202	82012	22415	58500	08802	81825	85633	
Valley	302	60511	75031	22415	21402	07208	82819	86075	
Ringway	334	70805	68022	22212	786//	05001	81830	87640	
Squires Gate	318	71405	80032	22316	68501	08000	82825	85630	
Ronaldsway	204	80808	75022	22912	854//	07102	82718	88620	
Mull of Galloway	131	81505	81022	23411	2552/	07206	82625	88460	
Eskdalemuir	162	10506	80011	22514	15600	06501	81632		
Prestwick	135	62909	75012	23114	685//	09201	81821	83626	86638
Abbotsinch	140	50704	70012	22915	58600	07000	81832	84642	
Leuchars	171	11010	75011	23512	15500	07204	81620		
Dyce	091	63411	84022	23612	65401	07206	86618		
Lerwick	005	80413	82026	19209	855//	05208	88625		
Wick	075	50509	84012	24411	35730	06207	83650	83358	
Sule Skerry	010	80503	84022	24910	855//	07207	88625		
Cape Wrath	049	10910	84011	24109	15500	08205	81625		
Stornoway	026	10511	86021	24211	15500	07204	81625		
Benbecula	022	22910	89020	23613	25602	10206	82630		
Tiree	100	11508	82020	23314	18400	10207	81815		
Aldergrove	917	70904	58042	22815	754//	09203	82713	87620	
Malin	980	73112	83032	23312	754//	10308	81716	87625	
Belmullet	976	70309	82022	23112	784//	08306	82717	87636	
Birr	965	61304	62012	22017	625/1	11803	86822		
Dublin	969	60808	65031	22415	623//	11207	84709	84820	
Shannon	962	42305	82020	22117	32505	10204	83828		
Roches Point	952	71109	65022	21714	18402	10206	81818	87072	
Valentia	953	53506	86011	21418	38502	11103	82825	83070	

OBSERVATIONS at 18h. 20 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80206	70032	20912	856//	06501	84630	88650	
Hurn	862	70209	70032	20713	756//	07203	85635	87650	
Manston	797	80206	75022	20312	854//	08500	83618	88625	
Gatwick	776	70207	70022	20612	7853/	07400	82825	87635	
Kew	775	70207	80022	21112	785//	06802	81824	85628	87640
Heathrow	772	80306	75022	21012	885//	07601	81820	84625	88640
Honington	586	73512	84022	21113	74572	05102	87628	~~84635~~	
Wattisham	590								
Gorleston	497	83610	66022	20711	855//	05205	88625		
Aberporth	502	70107	62022	21413	00908	10601	87275		
Filton	628	70407	62022	21612	755//	04101	83626	87635	
Rhoose	715	70910	56052	21113	10936	07104	81368	87275	
Hartland Point	703	60306	60031	21713	6093/	11304	86360		
Mount Batten	827	72207	60052	20713	5853/	10205	83825	83650	87359
St. Mawgan	817	43407	50051	20814	11430	10602	81815	84360	
Scilly	804	70000	59032	22214	756//	11102	87635		
Culdrose	809	82905	56055	20913	5552/	10801	85620	88460	
Guernsey	894	80411	57102	20011	863//	10204	86706	88708	
Elmdon	534	70305	66012	21414	48532	07802	82828	84635	87075
Cardington	559	80609	75022	21512	48537	08103	82825	84630	88275
Wittering	462	70412	82012	21911	18506	06207	81822	87275	
Watnall	354	70207	80032	22113	784/8	07305	81818	87622	
Shawbury	414	63202	63042	21613	35638	07802	83630	86272	
Finningley	360	63508	81022	22214	48502	05205	81825	84630	85075
Spurn Point	396	83619	80032	22311	855//	05103	88620		
Leeming	257	30213	75021	23311	25501	05303	82625		
Tynemouth	262	50115	69021	24310	55500	05204	85625		
Carlisle	222	21305	84011	22217	11601	10301	81834		
Valley	302	60110	75022	22513	00902	07500	86072		
Ringway	334	60610	65012	22015	15702	05303	81650	86075	
Squires Gate	318	53009	70022	22413	00901	09301	85075		
Ronaldsway	204	52404	68022	22714	18502	09802	81825	85075	
Mull of Galloway	131	22705	80021	23113	00901	09501	82075		
Eskdalemuir	162	20609	81020	22415	12502	07303	81825		
Prestwick	135	12607	66021	22815	00901	09602	81081		
Abbotsinch	140	10306	75021	22019	11601	07604	81835		
Leuchars	171	10910	80020	24210	15500	06301	81620		
Dyce	091	10908	82031	24011	15500	06304	81625		
Lerwick	005	33506	86011	24011	35500	06400	83626		
Wick	075	11306	85021	24709	18600	07301	81830		
Sule Skerry	010	20000	85011	25111	25500	06400	82625		
Cape Wrath	049	10910	84020	24009	15500	08400	81625		
Stornoway	026	10514	86020	24211	00901	08500	81075		
Benbecula	022	13308	89020	23914	15602	11304	81630		
Tiree	100	23506	50401	23913	22000	10302	81700		
Aldergrove	917	10705	62011	22916	11500	09502	81823		
Malin	980	20106	84011	24011	16402	09304	81717		
Belmullet	976	10315	83011	23413	18502	09304	81820		
Birr	965	70000	75022	21819	785//	09202	83824	86640	
Dublin	969	61004	65052	22914	10932	09400	81360	86070	
Shannon	962	63006	82021	22019	28682	08302	82830	86075	
Roches Point	952	80000	56052	22314	3567/	11203	83640	88358	
Valentia	953	73004	84022	22714	785//	10203	81827	87646	

OBSERVATIONS during DAY

Station	iii	RRTTxxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00121	001 +		+
Hurn	862	00151	061 +		+
Manston	797	00120	000 +		+
Gatwick	776	00131	000 +		+
Kew	775	00131	000 +		+
Heathrow	772	00131	000 +		+
Honington	586	00130	001 +		+
Wattisham	590				
Gorleston	497		001		
Aberporth	502	00150	097 +		+
Filton	628	00130	000 +		+
Rhoose	715	00140	057 +		+
Hartland Point	703	00140	053		
Mount Batten	827	00160	027 +		+
St. Mawgan	817	00161	024 +		+
Scilly	804	00161	037 +		+
Culdrose	809	97151	024 +		1d
Guernsey	894	91131	002 d.d.		+
Elmdon	534	00140	001 +		+
Cardington	559	00131	001 +		+
Wittering	462	00141	002 +		+
Watnall	354	00150	010 +		+
Shawbury	414	00140	009 +		+
Finningley	360	00150	056 +		+
Spurn Point	396		+		+
Leeming	257	00130	042 +		+
Tynemouth	262	00100	041 +		+
Carlisle	222	00180	100 +		+
Valley	302	00160	117 +		+
Ringway	334	00150	067 +		+
Squires Gate	318	00160	105 +		+
Ronaldsway	204	00140	056 +		+
Mull of Galloway	131	00140			
Eskdalemuir	162	00170	113 +		+
Prestwick	135	00160	086 +		+
Abbotsinch	140	00190	092 +		+
Leuchars	171	00130	107 +		+
Dyce	091	00140	104 +		+
Lerwick	005	00120	123 +		+
Wick	075	00110	101 +		+
Sule Skerry	010	00120			
Cape Wrath	049	00100	117 +		+
Stornoway	026	00120	120 +		+
Benbecula	022	00170	169 +		+
Tiree	100	00150	132 +		+
Aldergrove	917	00160	040 +		+
Malin	980	0013	060		
Belmullet	976	0015	076		
Birr	965	0019	042		
Dublin	969	0015	087		
Shannon	962	0020	112		
Roches Point	952	0016	051		
Valentia	953	0018	073		

Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

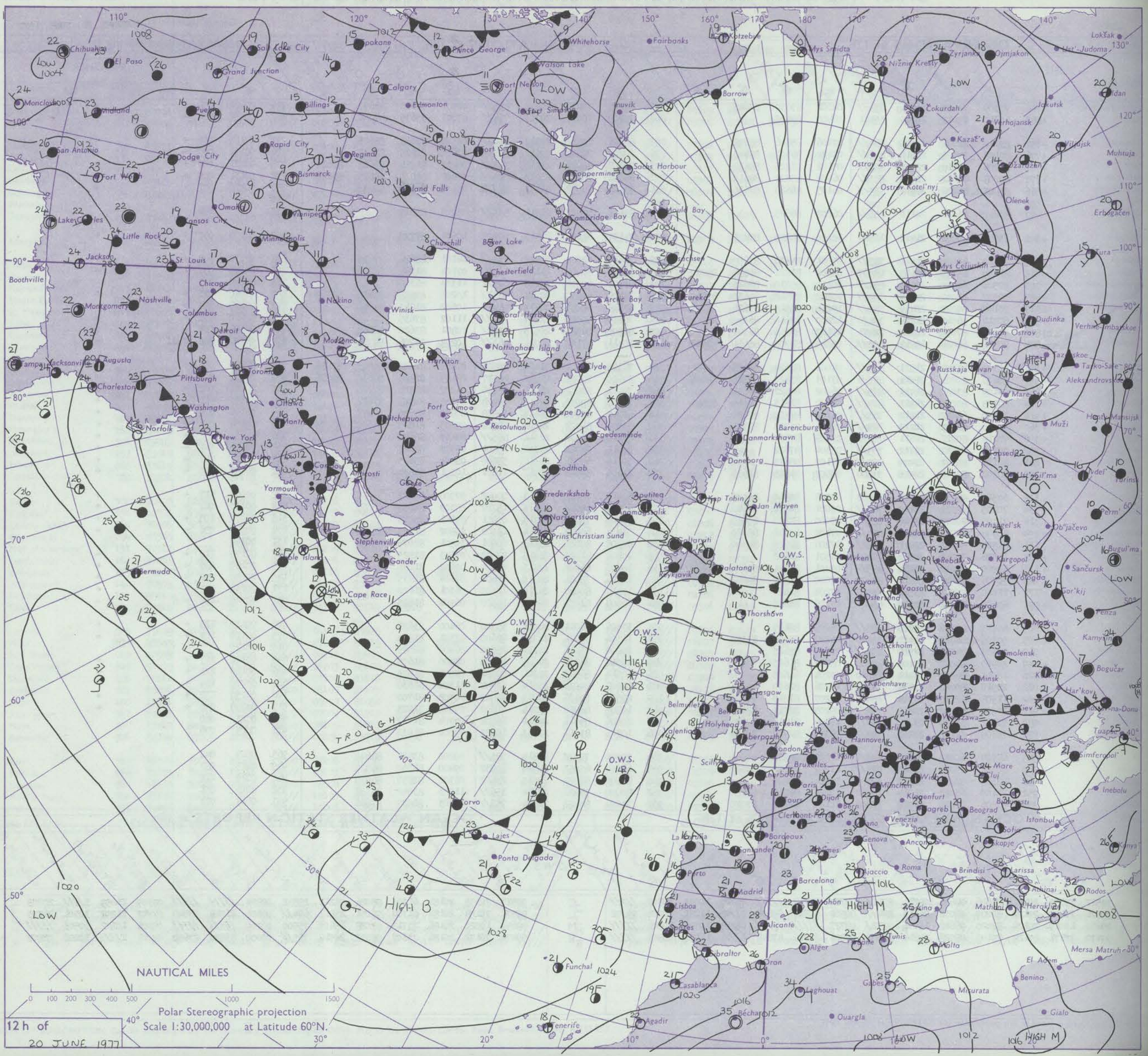
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20121	81616	94636	08211	8742/	00724	87717	/////	00210	11043	30808	/////
L	99571	70199	20124	80000	98032	26313	884//	00500	81818	88635	0//08	11281	30000	99/02
M	99660	10019	20124	82420	96612	15306	5732/	00727	/////	/////	05205	10798	30504	/////
R	99470	70171	20124	70109	98028	24614	78500	00206	82820	87640	0//11	11484	30803	/////

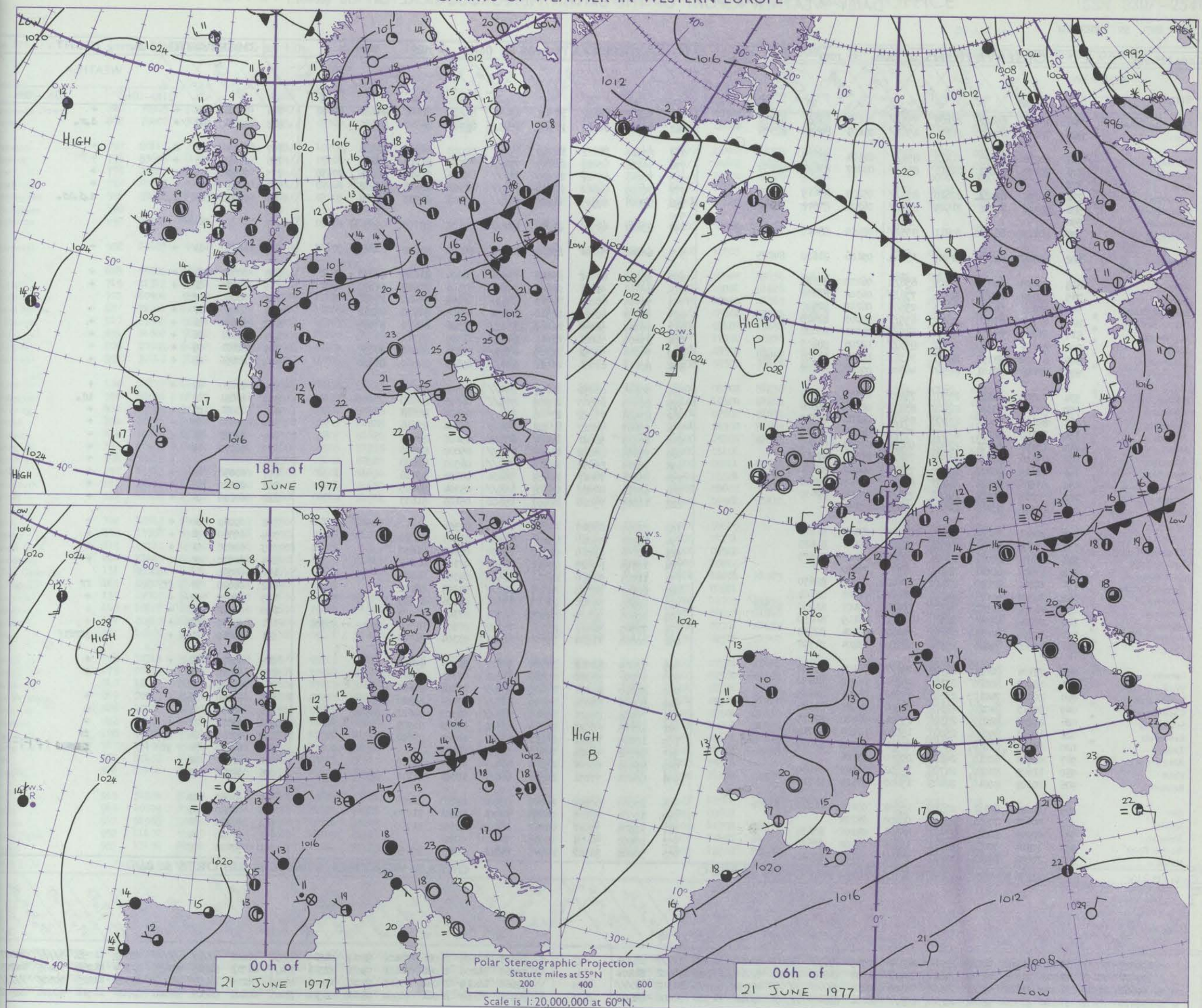
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20181	61904	98026	06211	25532	00804	/////	/////	00309	11059	3////	20008
L	99571	70198	20184	61704	98031	25812	684//	00604	81818	86640	0//07	11298	30301	36703
M	99659	10020	20184	73313	97028	15607	75500	00209	/////	/////	05204	10802	30503	/////
R	99470	70172	20184	73607	98032	24514	785//	00000	83820	87650	0//11	1////	30000	02803

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 21 JUNE 1977

The anticyclone west of southern Scotland has moved very slowly east. An associated ridge of high pressure northeastwards across the Faeroes has moved slowly south to Shetland. Pressure has remained relatively low over southern France and the Mediterranean, maintaining the dry northeasterly airstream over the British Isles. During the next 24 hours the anticyclone is expected off northeast Scotland with an associated ridge of high pressure across Ireland. Pressure changes over the Continent are expected to be small.

Code FM 11.V — OBSERVATIONS at 00h. 21 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	73504	65022	22109	755//	07204	83622	87640	
Hurn	862	70105	65012	21810	4563/	08103	84640	87358	
Manston	797	80210	75025	21110	854//	06104	88619		
Gatwick	776	80207	65032	21810	855//	07207	83628	88634	
Kew	775								
Heathrow	772	80207	62021	22610	854//	05208	83619	88623	
Honington	586	83206	75202	21909	854//	06202	81612	88616	
Wattisham	590								
Gorleston	497	80113	66022	20811	855//	08400	88625		
Aberporth	502	41808	60051	22909	15602	09106	81630	84075	
Filton	628	70000	60032	22409	656/2	06102	86630		
Rhoose	715	70402	65051	22508	756//	06302	87630		
Hartland Point	703	20608	64011	22411	25500	06209	82622		
Mount Batten	827	60103	65012	22012	655//	09003	82620	84650	
St. Mawgan	817	61206	25051	21910	655//	09003	86628		
Scilly	804	80104	60031	23112	856//	12205	88635		
Culdrose	809	80000	58051	21911	3632/	10003	81706	88460	
Guernsey	894	40406	58101	21510	46300	09207	84709		
Elmdon	534	70802	64101	23307	754//	07308	87618		
Cardington	559	80307	75022	22809	855//	06106	88626		
Wittering	462	80107	75032	23008	854//	04101	88619		
Watnall	354	70103	62031	23507	754//	06204	87615		
Shawbury	414	10102	58101	22907	00901	07105	81075		
Finningley	360	73606	81021	23008	754//	05001	87618		
Spurn Point	396	73615	80022	22710	755//	06000	87621		
Leeming	257	83506	65031	24407	854//	05105	88613		
Tynemouth	262	70111	81022	24908	756//	05101	87630		
Carlisle	222	00506	80010	24506	00900	05108			
Valley	302	20000	70011	23509	00902	07303	82072		
Ringway	334	10702	62031	23508	15502	05104	81625		
Squires Gate	318	11106	60011	23506	00901	06205	81075		
Ronaldsway	204	03607	80011	23211	00900	07000			
Mull of Galloway	131	20110	80020	23910	25600	09206	82630		
Eskdalemuir	162	20704	60030	25305	26000	04205	82701		
Prestwick	135	41002	62030	24310	15730	09107	81650	84360	
Abbotsinch	140	20606	65030	24909	15701	06119	81650		
Leuchars	171	72504	70021	25407	764//	05104	87710		
Dyce	091	10000	70020	25304	16300	03204	81707		
Lerwick	005	73104	86031	24708	756//	06103	87630		
Wick	075	10000	80020	25306	15701	04000	81650		
Sule Skerry	010	20000	74010	25508	25500	05001	82625		
Cape Wrath	049	10913	84020	24608	15500	07202	81625		
Stornoway	026	23207	88030	25306	25501	06400	82625		
Benbecula	022	10702	89020	25007	15400	07204	81710		
Tiree	100	10000	62010	24709	00901	08303	81075		
Aldergrove	917	03502	62010	24608	00900	07206			
Malin	980	12605	84020	24708	15702	07103	81650		
Belmullet	976	10308	80010	24408	15400	07104	81719		
Birr	965	30000	60101	23709	15602	08106	81636	83070	
Dublin	969	00000	70011	23810	00900	08204			
Shannon	962	40000	80031	23911	45601	08207	83638		
Roches Point	952	30803	50051	23611	35700	09002	83656		
Valentia	953	70000	84022	24212	756//	09106	87640		

OBSERVATIONS at 06h. 21 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70107	66022	22508	45432	05205	81616	84628	85072
Hurn	862	70105	70012	22309	6563/	04305	86640	86360	
Manston	797	83510	70022	20710	853//	08000	86708	88622	
Gatwick	776	70106	62022	21709	754//	07102	81710	87634	
Kew	775	70206	68022	22309	754//	05103	81715	84618	87630
Heathrow	772	70109	64012	22209	754//	06303	82618	87632	
Honington	586	83006	40515	21809	872//	08102	82703	88704	
Wattisham	590								
Gorleston	497	83607	48515	21010	872//	09102	88705		
Aberporth	502	60000	58101	23709	656//	09203	86630		
Filton	628	50505	60012	23208	25501	06204	81628	84075	
Rhoose	715	30606	56051	22809	15601	07306	81630	83070	
Hartland Point	703	70705	64021	22910	5563/	08205	85640	87360	
Mount Batten	827	70802	60022	22310	15631	07305	81638	85362	
St. Mawgan	817	70707	56052	22409	5557/	08306	85620	87359	
Scilly	804	83609	56021	22611	864//	11400	88711		
Culdrose	809	70000	50052	22309	6553/	08306	86625	87359	
Guernsey	894	80106	62031	21510	856//	09303	84640	87650	
Elmdon	534	80605	66032	24007	854//	04306	88614		
Cardington	559	80305	65505	22808	855//	06303	88620		
Wittering	462	83508	75022	23108	854//	05304	88618		
Watnall	354	70107	70022	23908	754//	04104	87616		
Shawbury	414	60503	56041	24007	65502	05105	86628		
Finningley	360	73408	80022	23408	754//	05000	87616		
Spurn Point	396	70214	80032	22910	755//	06500	87620		
Leeming	257	53311	70012	24608	55400	04102	85616		
Tynemouth	262	60112	69022	25308	655//	05304	86625		
Carlisle	222	11005	75020	24807	15600	05103	81633		
Valley	302	00000	63010	23610	00900	07501			
Ringway	334	10802	59021	24307	15502	03205	81620		
Squires Gate	318	11106	60010	24307	15601	05203	81630		
Ronaldsway	204	10309	84020	23911	11401	07305	81818		
Mull of Galloway	131	11008	81020	24511	11500	09304	81825		
Eskdalemuir	162	60302	20284	25705	661//	04305	86702		
Prestwick	135	10603	59041	25009	15601	07206	81635		
Abbotsinch	140	10605	58100	25209	00901	07304	81075		
Leuchars	171	72505	56022	25308	762//	07301	81704	84705	87706
Dyce	091	10000	11284	25504	16001	03304	81700		
Lerwick	005	72909	82012	24309	756//	06103	87635		
Wick	075	10802	83020	25209	11501	07303	81820		
Sule Skerry	010	80000	84031	25009	855//	07206	88625		
Cape Wrath	049	60906	84031	25409	685//	07207	84820	86625	
Stornoway	026	70406	84021	25610	755//	08307	84622	87640	
Benbecula	022	10105	86020	25310	18302	09312	81708		
Tiree	100	10000	15284	25111	16001	10208	81700		
Aldergrove	917	00202	01424	24907	00900	06202			
Malin	980	83403	60101	25010	864//	09202	88710		
Belmullet	976	60404	77031	24311	664//	10301	81712	85719	
Birr	965	20000	60284	24609	00902	08203	82070		
Dublin	969	10000	58100	24110	00901	10301	81070		
Shannon	962	13204	75011	24210	16402	08302	81710		
Roches Point	952	00000	50051	23910	00900	09301			
Valentia	953	50000	84012	24311	55701	10302	85650		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00081	04	+	+
Hurn	862	97081	06	+	d.r.
Manston	797	97090	07	d.	+
Gatwick	776	00081	05	+	+
Kew	775	00091	08	+	+
Heathrow	772	00081	08	+	+
Honington	586	97080	08	d.	d.d.1d.
Wattisham	590				
Gorleston	497				
Aberporth	502	00080	03	+	+
Filton	628	00070	04	+	+
Rhoose	715	00070	01	+	+
Hartland Point	703	00090	07		
Mount Batten	827	00090	07	+	+
St. Mawgan	817	00091	06	+	+
Scilly	804	00111	06	+	+
Culdrose	809	00071	05	+	+
Guernsey	894	00091	08	+	+
Elmdon	534	00070	02	+	+
Cardington	559	97081	07	+	1d.
Wittering	462	00081	06	+	+
Watnall	354	00070	03	+	+
Shawbury	414	00030	51	+	+
Finningley	360	00070	05	+	+
Spurn Point	396			+	+
Leeming	257	00050	03	+	+
Tynemouth	262	00080	06	+	+
Carlisle	222	00030	51	+	+
Valley	302	00060	00	+	+
Ringway	334	00060	51	+	+
Squires Gate	318	00030	51	+	+
Ronaldsway	204	00080	05	+	+
Mull of Galloway	131	00090			
Eskdalemuir	162	00020	51	ff	ff
Prestwick	135	00070	02	+	+
Abbotsinch	140	00070	02	+	+
Leuchars	171	00070	05	+	+
Dyce	091	00010	53	+	jffff1f
Lerwick	005	00070	02	+	+
Wick	075	00030	51	+	+
Sule Skerry	010	00070	08		
Cape Wrath	049	00070	07	+	+
Stornoway	026	00050	01	+	+
Benbecula	022	00070	02	+	+
Tiree	100	00060	01	ff	ff
Aldergrove	917	00040	51	jf	[redacted] ifFFfif
Malin	980	97070	02		
Belmullet	976	97060	04		
Birr	965	97050	03		
Dublin	969	97080	03		
Shannon	962	97060	01		
Roches Point	952	97090	04		
Valentia	953	97100	08		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21001	81802	94108	02210	855//	00715	/////	/////	00010	11067	3////	20/08
L	99571	70198	21004	71715	98032	24612	784//	41707	81818	87630	0//10	11303	30402	21804
M	99660	10018	21004	73112	97022	17605	75500	00209	/////	/////	05502	10807	30302	/////
R	99470	70172	21004	83506	98012	25514	856//	00104	88640	/////	0//11	11500	30000	02802

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21061	72404	98012	01810	55532	00003	/////	/////	00008	11056	3////	20007
L	99567	70200	21064	71622	98032	22311	784//	41712	84815	87630	0//09	11268	30403	14703
M	99660	10019	21064	43613	97021	20006	28502	00210	/////	/////	05303	10825	30302	/////
R	99470	70169	21064	70904	98012	24514	784//	00603	81815	87640	0//11	11511	30000	02802

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42216

Date of Issue WEDNESDAY 22 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 21 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70305	70022	22811	754//	05205	86615	87650	
Hurn	862	70407	70026	22612	745//	07306	81822	84625	87635
Manston	797	80111	78022	21513	853//	10204	87709	88630	
Gatwick	776	83605	61012	22412	854//	09104	82713	83622	88640
Kew	775	70307	68022	22712	754//	07102	86616	87635	
Heathrow	772	80209	70022	22713	854//	07204	86618	88640	
Honington	586	83612	75025	22312	854//	08003	87616	88630	
Wattisham	590								
Gorleston	497	80118	66025	21612	855//	09204	88620		
Aberporth	502	13105	58051	23113	11500	11605	81825		
Filton	628	70708	65012	23511	785//	05104	82820	86625	
Rhoose	715	41312	65031	22615	11602	10802	81830	84070	
Hartland Point	703	60904	58052	23014	12571	10102	81825	83460	86075
Mount Batten	827	72011	60022	22813	7443/	10206	83819	86622	
St. Mawgan	817	63508	56051	22815	22531	08303	82825	85075	
Scilly	804	31007	56031	23916	38500	13210	82825		
Culdrose	809	70908	60052	22915	58501	07004	82828	84633	
Guernsey	894	30310	70011	22213	11432	07206	81818		
Elmdon	534	40207	68021	23512	41500	06802	84825		
Cardington	559	80506	68025	23111	855//	09103	86620	88625	
Wittering	462	70514	75032	22913	755//	07801	84625	87640	
Watnall	354	30208	80021	23514	11502	07703	81828		
Shawbury	414	10404	68021	23314	15500	08805	81628		
Finningley	360	10408	84021	23316	11600	07805	81835		
Spurn Point	396	40216	76011	23812	48500	07102	82825	83630	
Leeming	257	10313	70021	24514	15600	06801	81630		
Tynemouth	262	10111	69021	25910	15600	07101	81630		
Carlisle	222	11105	85020	23818	11601	06710	81832		
Valley	302	10710	64020	23717	11500	07102	81825		
Ringway	334	13304	65020	23116	00901	03808	81075		
Squires Gate	318	03110	68020	24014	00900	07804			
Ronaldsway	204	11405	61040	24514	11401	08102	81815		
Mull of Galloway	131	93008	02474	24814	9////	10602	89///		
Eskdalemuir	162	00207	86021	23718	00900	00702			
Prestwick	135	12709	61050	24417	11600	11603	81830		
Abbotsinch	140	10603	65050	24019	12600	09708	81830		
Leuchars	171	00910	68051	25313	00900	09801			
Dyce	091	10808	80020	25015	16300	09001	81707		
Lerwick	005	72714	81022	24512	755//	08802	81621	83625	86635
Wick	075	20908	84010	25711	25431	07003	81618		
Sule Skerry	010	12102	82011	26113	15500	07400	81625		
Cape Wrath	049	20907	84011	25311	28500	09808	81820		
Stornoway	026	10611	82011	25812	18500	08801	81828		
Benbecula	022	53109	87021	25513	55500	10501	85625		
Tiree	100	33208	75011	25314	35300	10301	81707	83618	
Aldergrove	917	13106	63054	24817	11501	11802	81820		
Malin	980	80106	70102	25912	864//	09105	86710	88714	
Belmullet	976	20204	80011	24616	28500	11400	82820		
Birr	965	31804	70030	24219	31500	09605	83824		
Dublin	969	10709	75011	24216	11500	08301	81821		
Shannon	962	31905	70020	24118	32500	12704	83828		
Roches Point	952	11407	56050	24415	11400	11203	81815		
Valentia	953	13108	84021	24617	11500	12202	81825		

OBSERVATIONS at 18h. 21 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70107	68022	22713	755//	07502	83620	87645	
Hurn	862	70308	62012	22513	785//	08602	81825	87645	
Manston	797	73609	70032	21413	753//	10502	83708	86610	
Gatwick	776	73505	59042	22113	784//	09602	84818	87645	
Kew	775	83604	62022	22613	855//	09604	86620	88640	
Heathrow	772	83505	65022	22513	855//	09604	87620	88640	
Honington	586	13411	82011	22115	15601	07603	81640		
Wattisham	590								
Gorleston	497	30117	66011	21912	32500	08400	83825		
Aberporth	502	03504	62051	22913	00900	10503			
Filton	628	80905	60052	23313	856//	07602	83630	88640	
Rhoose	715	51305	59051	23013	35531	09301	81625	83645	
Hartland Point	703	10000	56051	23014	10970	12400	81360		
Mount Batten	827	72205	63052	23212	755//	08302	83625	87640	
St. Mawgan	817	43410	57051	22714	35701	08400	83650		
Scilly	804	43604	56031	24215	48500	12301	83825		
Culdrose	809	40210	59051	22814	18531	08502	81825	83360	
Guernsey	894	70210	70031	22411	68402	08500	85815	84075	
Elmdon	534	30305	80011	22716	38600	08702	81830		
Cardington	559	60607	66012	22814	685//	10604	81820	86640	
Wittering	462	10312	84011	22815	11601	07602	81830		
Watnall	354	10610	81020	23116	00901	05302	81080		
Shawbury	414	20803	64041	22218	21600	09604	82845		
Finningley	360	00309	85020	23416	00900	03101			
Spurn Point	396	40118	75031	24012	41500	09001	84820		
Leeming	257	00212	75020	24714	00900	05301			
Tynemouth	262	00506	69020	25811	00900	08602			
Carlisle	222	11108	86030	23319	11600	05501	81830		
Valley	302	00210	68020	23316	00900	06605			
Ringway	334	00708	80020	22519	00900	04701			
Squires Gate	318	03411	70020	23516	00900	08502			
Ronaldsway	204	01903	62040	23916	00900	10802			
Mull of Galloway	131	13210	80024	24017	00901	12604	81075		
Eskdalemuir	162	00508	86020	23418	00900	02601			
Prestwick	135	13108	65020	23718	15700	12705	81656		
Abbotsinch	140	10607	81020	23222	11600	03603	81840		
Leuchars	171	10910	82020	25211	15502	07701	81620		
Dyce	091	11007	80020	25113	16300	08501	81707		
Lerwick	005	83307	80022	24811	854//	07501	82616	88620	
Wick	075	11306	82020	25611	18500	07500	81825		
Sule Skerry	010	10506	81020	25512	00904	08704	81070		
Cape Wrath	049	10909	84020	25210	12501	09301	81820		
Stornoway	026	10609	84020	25412	15600	08501	81630		
Benbecula	022	23010	87011	25213	15502	10801	81625		
Tiree	100	13306	83010	25413	00901	09601	81075		
Aldergrove	917	33308	75030	24019	28601	11703	82835		
Malin	980	00708	65101	25412	00900	09604			
Belmullet	976	13307	74020	24816	12500	11202	81820		
Birr	965	60101	80011	23419	685//	10501	81824	86636	
Dublin	969	00604	75020	24116	00900	09702			
Shannon	962	33010	82021	23619	32600	10702	83834		
Roches Point	952	12108	58050	23917	11400	10602	81819		
Valentia	953	33310	84031	24716	32500	12202	83825		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00131	001	+	+
Hurn	862	97141	001	d.r.	+
Manston	797	00130	001	+	+
Gatwick	776	00131	000	+	+
Kew	775	00141	000	+	+
Heathrow	772	00141	000	+	+
Honington	586	00160	029	+	+
Wattisham	590				
Gorleston	497		032		
Aberporth	502	00140	131	+	+
Filton	628	00130	030	+	+
Rhoose	715	00150	119	+	+
Hartland Point	703	00150	077		
Mount Batten	827	00160	043	+	+
St. Mawgan	817	00161	117	+	+
Scilly	804	00160	095	+	+
Culdrose	809	00150	052	+	+
Guernsey	894	00131	113	+	+
Elmdon	534	00160	054	+	+
Cardington	559	00141	023	+	+
Wittering	462	00160	063	+	+
Watnall	354	00170	118	+	+
Shawbury	414	00180	112	+	+
Finningley	360	00180	121	+	+
Spurn Point	396			+	+
Leeming	257	00150	134	+	+
Tynemouth	262	00110	118	+	+
Carlisle	222	00200	164	+	+
Valley	302	00170	153	+	+
Ringway	334	00200	158	+	+
Squires Gate	318	00160	158	+	+
Ronaldsway	204	00170	159	+	+
Mull of Galloway	131	00170			
Eskdalemuir	162	00200	141	+	+
Prestwick	135	00190	160	+	+
Abbotsinch	140	00230	158	+	+
Leuchars	171	00130	131	+	+
Dyce	091	00150	149	+	+
Lerwick	005	97130	016	+	1d.
Wick	075	00120	161	+	+
Sule Skerry	010	00130			
Cape Wrath	049	00110	132	+	+
Stornoway	026	00130	105	+	+
Benbecula	022	00150	139	+	+
Tiree	100	00150	145	+	+
Aldergrove	917	00200	136	jf	+
Malin	980	0013	058		
Belmullet	976	9718	112		
Birr	965	0021	091		
Dublin	969	0017	151		
Shannon	962	0022	132		
Roches Point	952	0017	136		
Valentia	953	0018	093		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

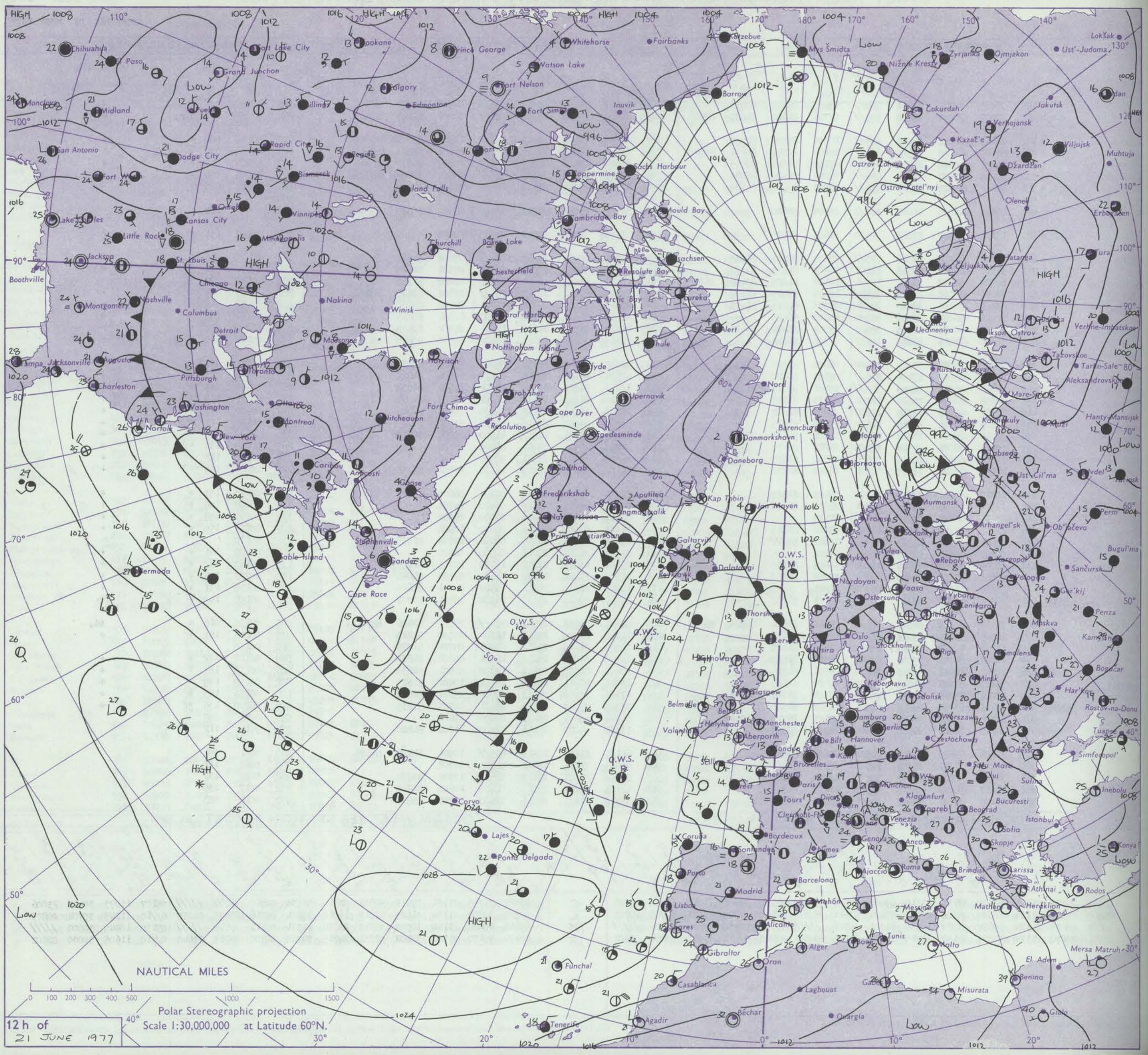
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21121	62307	97151	02310	63400	00301	/////	/////	00008	11078	30201	15904
L	99569	70200	21124	71624	98022	20112	784//	00611	81816	87630	0//09	11271	30705	20703
M	99662	10020	21124	23607	98020	22606	11501	00206	/////	/////	05450	10812	30302	/////
R	99471	70170	21124	70203	97158	25415	784//	00305	81815	87640	0//12	11513	30000	02802

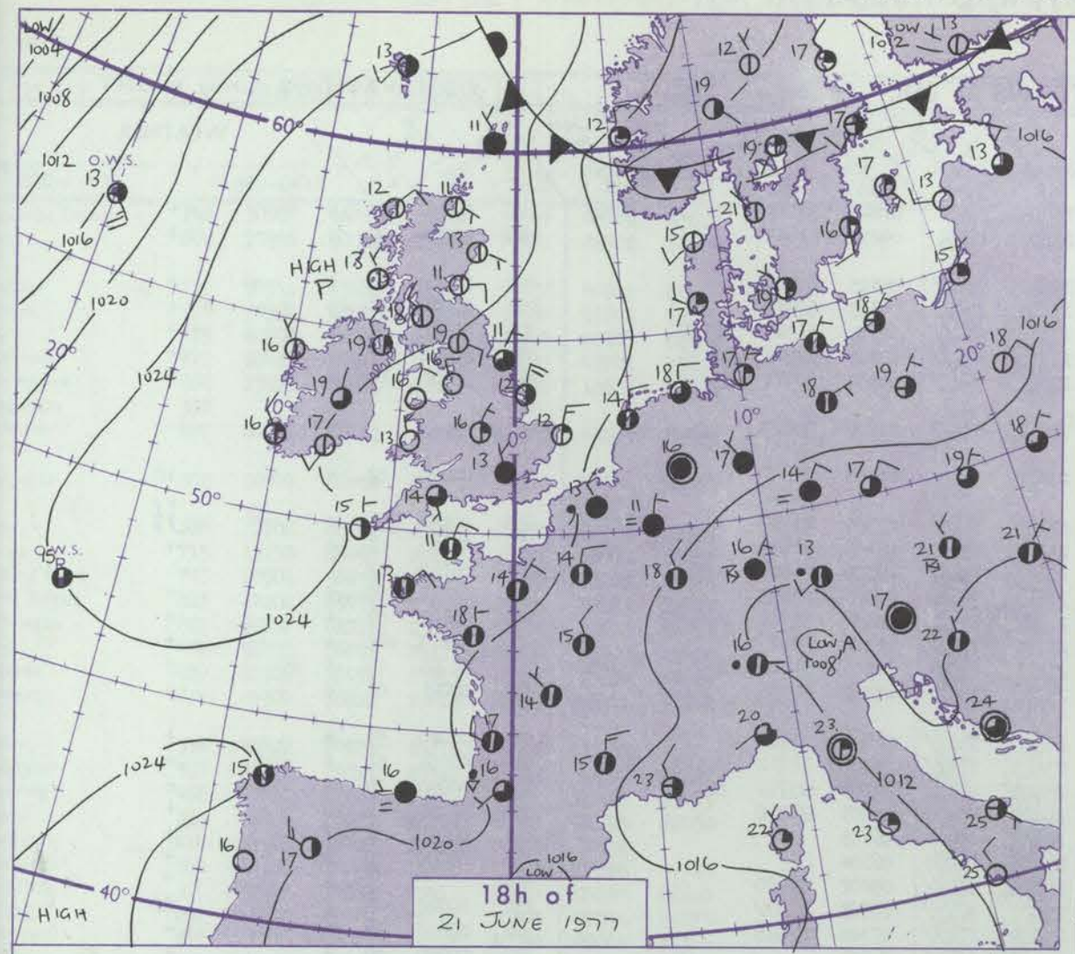
OCEAN WEATHER STATION REPORTS at 18h.

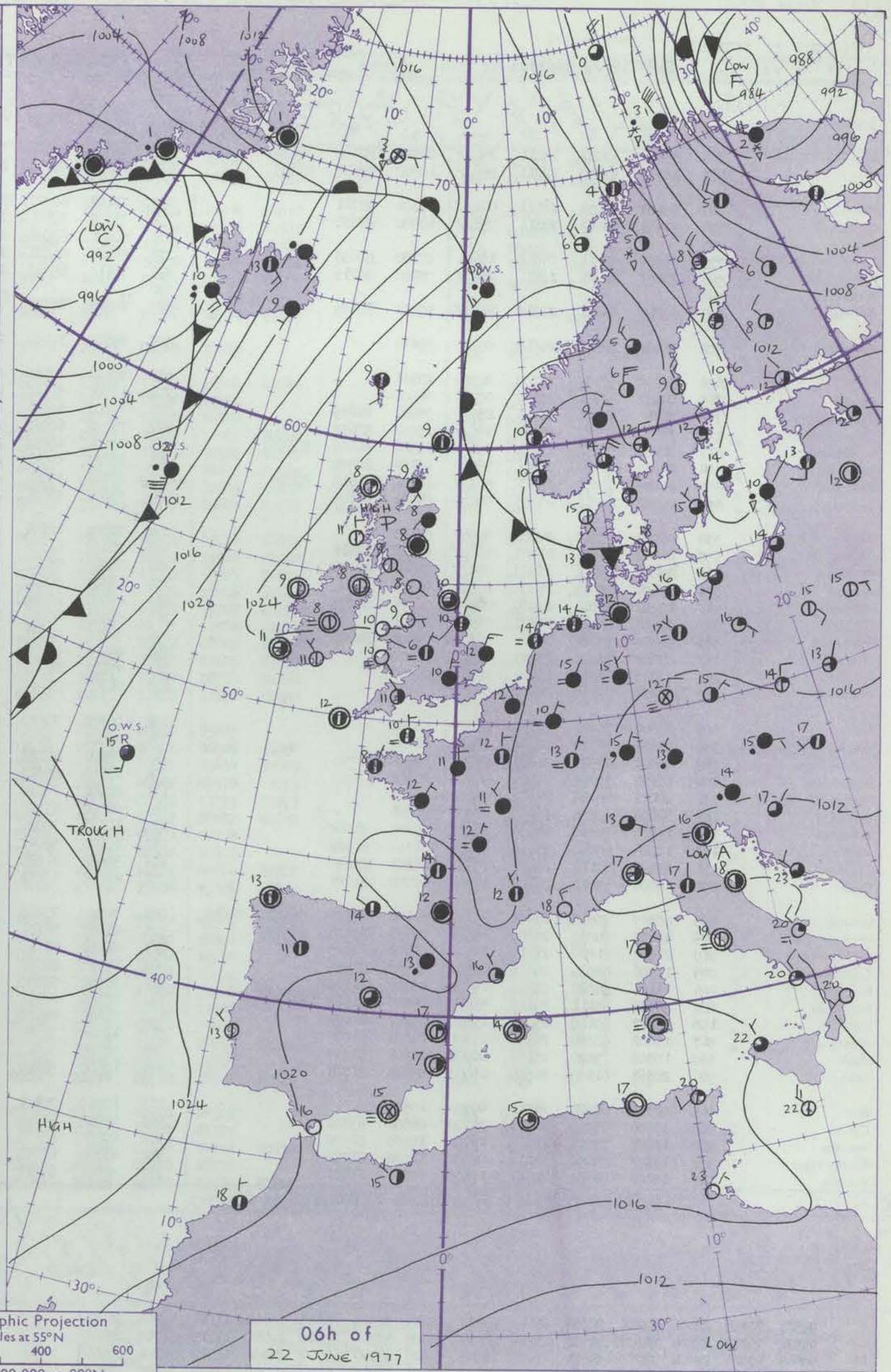
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21181	72410	98032	04710	53530	00310	/////	/////	05107	11073	30403	23006
L	99570	70200	21184	51625	98012	16912	35501	00716	83625	84075	0//10	11245	30704	20805
M	99662	10020	21184	30000	98030	24208	11571	00211	/////	/////	05150	10840	30000	/////
R	99471	70170	21184	70802	98032	24715	78400	00707	82815	87640	0//10	11605	30000	02802

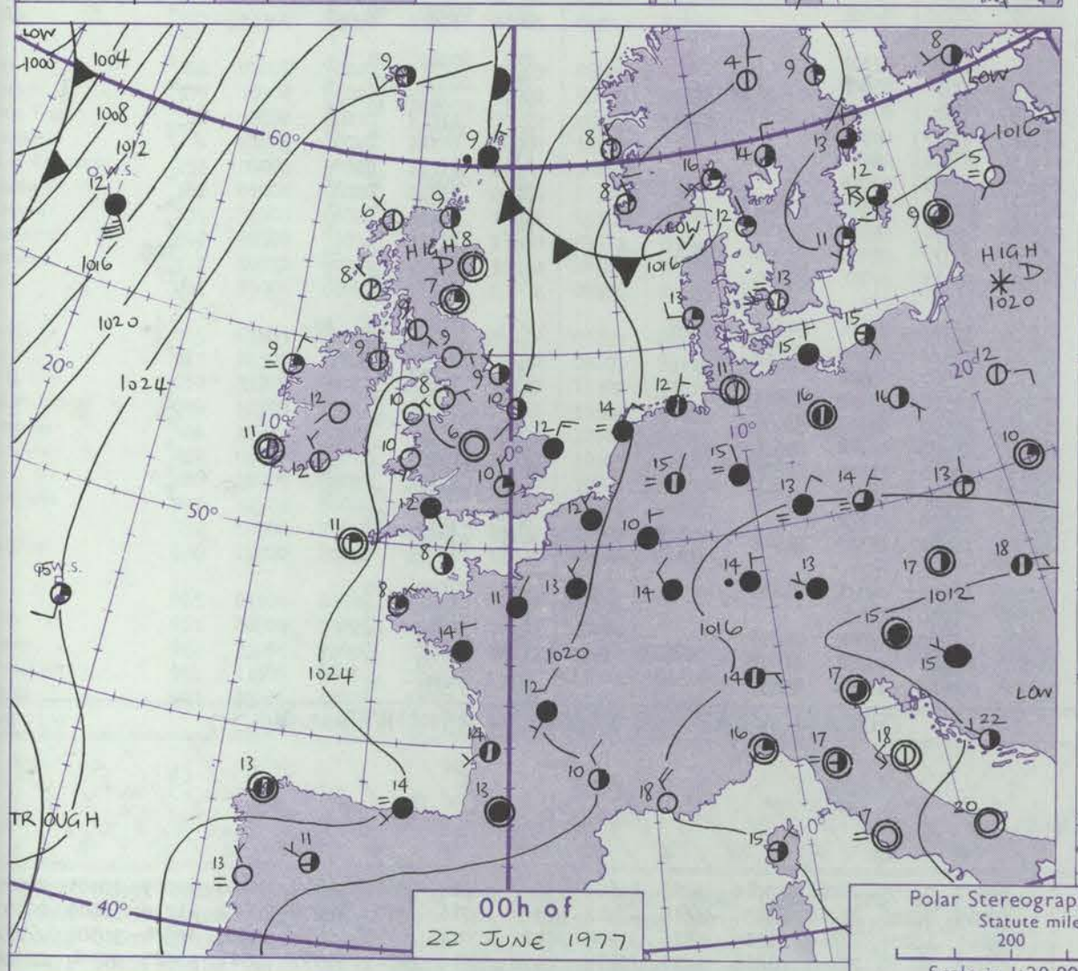
Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 22 JUNE 1977

An anticyclone to the west of Scotland has transferred to east Scotland and relatively low pressure has persisted to the south of the British Isles. A deepening depression has moved northeastwards into the Denmark Strait. During the next 24 hours the Scottish high will continue to drift into the North Sea with a ridge of high pressure towards Iberia.

The low in the Denmark Strait will continue to move northeastwards and the associated strengthening southerly airflow to the west of the British Isles will move into north-western districts.

Code FM 11.V

OBSERVATIONS at 00h. 22 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	73605	62022	23011	754//	08501	82618	87630	
Hurn	862	83301	57052	22911	856//	10802	82630	88638	
Manston	797	80108	70032	22111	864//	09301	88711		
Gatwick	776	73402	59042	22511	756//	10802	87637		
Kew	775								
Heathrow	772	23504	70011	23010	15601	07202	81638		
Honington	586	80107	80021	22811	864//	08802	88713		
Wattisham	590								
Gorleston	497	80215	66021	22212	855//	09400	88625		
Aberporth	502	01904	58050	23610	00900	09103			
Filton	628	00000	57051	23709	00900	07301			
Rhoose	715	00402	58051	23309	00900	08801			
Hartland Point	703	21810	72011	23111	25600	09802	82635		
Mount Batten	827	70000	62052	23611	756//	09000	87638		
St. Mawgan	817	71402	50051	23611	756//	10501	84630	87650	
Scilly	804	30000	56020	24911	38500	09104	82820		
Culdrose	809	80000	60051	23511	854//	10601	81618	88640	
Guernsey	894	40202	60011	23208	00902	07801	84075		
Elmdon	534	00000	70010	24206	00900	03103			
Cardington	559	80406	66031	23708	854//	08102	88616		
Wittering	462	80206	68031	23909	864//	08301	88711		
Watnall	354	03604	60020	24608	00900	04302			
Shawbury	414	10202	56040	23909	00901	06104	81075		
Finningley	360	02902	80020	24407	00900	04303			
Spurn Point	396	40214	70031	24110	46300	09000	84708		
Leeming	257	03202	70020	25207	00900	05400			
Tynemouth	262	00000	69020	25809	00900	09400			
Carlisle	222	00905	75020	24409	00900	06206			
Valley	302	00606	75020	23910	00900	05302			
Ringway	334	00602	75020	24212	00900	03104			
Squires Gate	318	00806	75020	24208	00900	05204			
Ronaldsway	204	03605	75020	23909	00900	07102			
Mull of Galloway	131	00110	80010	24112	00900	09103			
Eskdalemuir	162	00000	70020	25805	00900	00306			
Prestwick	135	11206	70020	24409	00901	09305	81080		
Abbotsinch	140	10506	65040	24611	10941	51307	81362		
Leuchars	171	20000	70110	25407	15730	06303	81650		
Dyce	091	10000	65010	25408	16301	07500	81706		
Lerwick	005	80305	70515	25409	853//	08101	83706	86711	88615
Wick	075	41402	84030	25309	45500	08803	82625	83650	
Sule Skerry	010	21007	81020	25210	25500	09703	82625		
Cape Wrath	049	11806	82020	24609	12500	08502	81825		
Stornoway	026	13104	84020	25006	15600	05602	81630		
Benbecula	022	50000	85111	25109	55400	08400	81618	85630	
Tiree	100	13207	80110	25008	15531	07801	81626		
Aldergrove	917	13602	60020	24809	00901	08203	81075		
Malin	980	10000	75020	25209	00901	08301	81075		
Belmullet	976	20303	61100	24909	25400	08500	81718		
Birr	965	02302	62021	24012	00900	10500			
Dublin	969	30000	75030	24110	36100	06502	83702		
Shannon	962	12607	75011	24711	15701	10305	81650		
Roches Point	952	13307	58050	24112	00901	10500	81072		
Valentia	953	10000	84020	24911	15600	10202	81630		

OBSERVATIONS at 06h. 22 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	23605	60011	23509	26401	07210	82712		
Hurn	862	13604	57051	23210	15601	09207	81645		
Manston	797	70108	68022	22011	764//	08305	87712		
Gatwick	776	73404	58101	23009	754//	09307	87618		
Kew	775	80201	62022	23310	854//	07304	81715	88620	
Heathrow	772	80103	66031	23310	854//	08207	82712	88616	
Honington	586	70110	66022	22811	764//	09304	82711	87712	
Wattisham	590								
Gorleston	497	80314	66022	22412	855//	09206	88625		
Aberporth	502	01602	30104	23610	00900	10000			
Filton	628	30606	20100	24108	36100	07309	83702		
Rhoose	715	10702	50110	23709	15600	08306	81635		
Hartland Point	703	70503	60031	23612	3563/	10304	83640	87360	
Mount Batten	827	73202	60052	23312	756//	10303	87638		
St. Mawgan	817	60704	40052	23411	653//	10304	82706	86625	
Scilly	804	70000	59021	23712	755//	11301	87625		
Culdrose	809	72502	30052	23411	753//	10103	81708	83711	87625
Guernsey	894	73604	56101	23010	756//	10302	87635		
Elmdon	534	70304	12101	24606	760//	06304	87701		
Cardington	559	70407	64022	23510	754//	09305	84710	87618	
Wittering	462	70212	75012	23909	763//	07305	83707	87708	
Watnall	354	10305	50050	24409	16400	06203	81710		
Shawbury	414	00000	62040	24308	00900	06303			
Finningley	360	03305	60020	24809	00900	06304			
Spurn Point	396	70209	68031	24310	755//	09202	87620		
Leeming	257	93406	04474	25507	9////	07303	89///		
Tynemouth	262	73602	61021	25809	755//	07302	87625		
Carlisle	222	01002	84020	24608	00900	04702			
Valley	302	00902	75020	24110	00900	07302			
Ringway	334	00802	75020	24510	00900	03303			
Squires Gate	318	00906	82020	24409	00900	04400			
Ronaldsway	204	00104	80020	23911	00900	08501			
Mull of Galloway	131	00906	74020	24413	00900	08400			
Eskdalemuir	162	00000	88020	25007	00900	02703			
Prestwick	135	11302	70020	24709	10941	07302	81362		
Abbotsinch	140	10605	58041	24611	10931	08801	81360		
Leuchars	171	80000	11284	25008	860//	08704	83700	86701	88704
Dyce	091	82002	10284	24908	860//	07701	88700		
Lerwick	005	70000	75205	24909	754//	07001	84710	87618	
Wick	075	61507	81031	24709	654//	07500	86618		
Sule Skerry	010	01410	81010	24210	00900	09502			
Cape Wrath	049	12306	84020	23909	15500	08400	81625		
Stornoway	026	30000	82030	24408	35600	08603	83632		
Benbecula	022	42304	84011	24510	45500	08301	84628		
Tiree	100	13604	82110	24911	15500	11301	81625		
Aldergrove	917	10000	58050	24608	16301	07502	81708		
Malin	980	00705	70010	24611	00900	10502			
Belmullet	976	10000	56284	24609	16400	08500	81712		
Birr	965	10000	20101	24208	15602	08301	81636		
Dublin	969	00000	40284	24109	00900	08302			
Shannon	962	40000	65100	23911	45800	09704	84657		
Roches Point	952	13305	62010	23911	00901	09201	81072		
Valentia	953	50000	84011	23811	55600	10704	85635		

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_nE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00071	04	+	+
Hurn	862	00071	04	+	+
Manston	797	00100	07	+	+
Gatwick	776	00071	04	+	+
Kew	775	00071	01	+	+
Heathrow	772	00071	03	+	+
Honington	586	00100	10	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00080	02	+	1f
Filton	628	00050	51	+	jf
Rhoose	715	00070	01	+	+
Hartland Point	703	00110	07		
Mount Batten	827	00110	09	+	+
St. Mawgan	817	00101	07	+	+
Scilly	804	00110	05	+	+
Culdrose	809	00090	09	+	+
Guernsey	894	00081	01	+	+
Elmdon	534	00020	53	+	+
Cardington	559	00051	51	+	+
Wittering	462	00090	05	+	+
Watnall	354	00050	05	+	+
Shawbury	414	00030	52	+	+
Finningley	360	00050	00	+	+
Spurn Point	396			+	+
Leeming	257	00040	02	+	ff
Tynemouth	262	00090	04	+	+
Carlisle	222	00050	00	+	+
Valley	302	00080	03	+	+
Ringway	334	00080	04	+	+
Squires Gate	318	00050	50	+	+
Ronaldsway	204	00050	02	+	+
Mull of Galloway	131				
Eskdalemuir	162	00020	52	+	+
Prestwick	135	00070	01	+	+
Abbotsinch	140	00070	02	+	+
Leuchars	171	00050	00	+	1ff
Dyce	091	00050	01	+	ff
Lerwick	005	97080	08	1d.	1d.
Wick	075	00080	05	+	+
Sule Skerry	010	00080	07		
Cape Wrath	049	00081	06	+	+
Stornoway	026	00051	01	+	+
Benbecula	022	00080	06	+	+
Tiree	100	00070	03	+	+
Aldergrove	917	00060	01	+	f
Malin	980	97070	03		
Belmullet	976	97050	02		
Birr	965	97070	03		
Dublin	969	97070	03		
Shannon	962	97080	03		
Roches Point	952	97100	04		
Valentia	953	97080	05		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22001	82406	98038	06610	8345/	00213	82914	86635	05109	11071	3//01	24/06
L	99571	70200	22004	81637	98032	13712	854//	41609	85711	88620	0//10	11213	30708	20709
M	99662	10020	22004	72210	98021	23907	11570	00808	/////	/////	05201	10822	30201	/////
R	99471	70170	22004	21810	98011	24414	28400	00001	81815	/////	0//10	11547	30000	02802

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22061	83010	98028	10609	845//	00227	88630	/////	05106	11069	30403	24905
L	99569	70200	22064	81834	96616	10312	873//	41716	85706	88709	0//12	11210	30909	20809
M	99663	10020	22064	82215	97616	21208	4742/	00714	/////	/////	00006	10801	30302	/////
R	99470	70170	22064	61816	98011	22114	38432	00710	81815	/////	0//11	11527	30301	02802

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42217

Date of Issue THURSDAY 23 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 22 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	30906	66011	22814	35500	08706	83620		
Hurn	862	70306	60011	23013	755//	08802	87622		
Manston	797	80311	75032	22513	854//	09601	85710	88618	
Gatwick	776	30308	63011	22815	38500	09704	82825		
Kew	775	20304	65011	22817	28500	10808	82825		
Heathrow	772	10410	70011	22817	15600	09707	81630		
Honington	586	13508	84021	22919	11601	12603	81830		
Wattisham	590								
Gorleston	497	40215	66011	23712	45500	08203	84625		
Aberporth	502	10204	56050	23515	11400	10604	81818		
Filton	628	20708	68011	23615	21500	09706	82828		
Rhoose	715	11210	60050	23115	11501	10804	81825		
Hartland Point	703	10504	56051	23314	12500	12703	81825		
Mount Batten	827	22208	65051	23015	28501	10803	82828		
St. Mawgan	817	62807	62031	23115	68500	10602	84823		
Scilly	804	51709	56051	24115	52500	13500	85820		
Culdrose	809	22506	58051	23015	28500	10804	82825		
Guernsey	894	80307	70022	23013	884//	08801	81818	87650	
Elmdon	534	00907	70021	23217	00900	05709			
Cardington	559	20606	75021	23317	11501	12806	81822		
Wittering	462	10511	82021	23917	00901	09603	81075		
Watnall	354	10506	75020	23918	00901	08703	81080		
Shawbury	414	01105	74020	23219	00900	04806			
Finningley	360	10106	75020	24218	16402	08606	81710		
Spurn Point	396	80209	72022	25411	855//	09203	88620		
Leeming	257	10207	68024	24518	00901	07705	81075		
Tynemouth	262	11106	69021	25912	10930	09601	81360		
Carlisle	222	11502	85020	23421	00901	04710	81080		
Valley	302	03208	70020	23518	00900	08804			
Ringway	334	10402	81020	23321	00901	50707	81080		
Squires Gate	318	12807	80030	23818	00902	05706	81072		
Ronaldsway	204	01805	60040	24116	00900	12400			
Mull of Galloway	131	00000	80020	24115	00900	11603			
Eskdalemuir	162	01402	86020	22722	00900	05706			
Prestwick	135	12906	66020	23818	11601	09705	81830		
Abbotsinch	140	10302	70030	23122	11600	07712	81840		
Leuchars	171	10912	80024	24513	16400	09505	81710		
Dyce	091	11006	68051	24116	00902	09706	81075		
Lerwick	005	81803	82025	24610	854//	08603	81710	88618	
Wick	075	81509	57052	24311	862//	09603	85704	88708	
Sule Skerry	010	32305	74011	24513	35500	11102	83625		
Cape Wrath	049	12709	82011	24111	15500	10802	81625		
Stornoway	026	21411	81031	24113	28500	10702	82825		
Benbecula	022	42102	82011	23915	15632	10803	81630	84077	
Tiree	100	10205	84020	24115	11400	12704	81816		
Aldergrove	917	12705	70024	23520	11600	10606	81830		
Malin	980	10504	75030	23813	11500	11803	81822		
Belmullet	976	10000	81030	23718	11500	11708	81820		
Birr	965	01905	80024	23020	00900	07707			
Dublin	969	00804	75020	23419	00900	10704			
Shannon	962	22205	72030	22820	22500	12711	82825		
Roches Point	952	11308	56050	23815	11400	12801	81812		
Valentia	953	22806	84031	23017	21500	12707	82826		

OBSERVATIONS at 18h. 22 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	20706	68010	20919	21501	11707	82828		
Hurn	862	11705	60021	21616	10931	10606	81360		
Manston	797	50410	70031	22013	46401	10504	84710		
Gatwick	776	10910	72010	21019	12602	12508	81832		
Kew	775	10906	62020	21320	18600	11605	81840		
Heathrow	772	30908	70020	21020	34600	12608	82835		
Honington	586	10308	83020	22316	00901	09503	81080		
Wattisham	590								
Gorleston	497	80213	66021	22911	855//	08704	88625		
Aberporth	502	03501	58050	22415	00900	10505			
Filton	628	11009	82020	21620	11601	12608	81840		
Rhoose	715	02203	58050	21717	00900	11608			
Hartland Point	703	03609	60050	22313	00900	10605			
Mount Batten	827	72206	62051	22815	756//	10301	87645		
St. Mawgan	817	12907	58011	22514	12401	10502	81818		
Scilly	804	20000	62031	23615	00902	10602	82075		
Culdrose	809	72505	56051	22613	755//	07603	85628	87640	
Guernsey	894	70108	67012	22612	754//	09603	81712	87633	
Elmdon	534	10607	80020	22020	00901	08506	81075		
Cardington	559	10510	75020	22517	00901	12504	81080		
Wittering	462	10712	82010	23214	11501	10503	81825		
Watnall	354	10705	75020	22618	00901	11706	81080		
Shawbury	414	10805	75030	21421	00901	09709	81075		
Finningley	360	10606	72020	22717	00901	10504	81080		
Spurn Point	396	70307	75022	24311	755//	07807	87620		
Leeming	257	10207	75020	23318	00901	07605	81080		
Tynemouth	262	11410	80020	24411	10940	08712	81360		
Carlisle	222	13004	83010	22021	11601	11706	81840		
Valley	302	00307	80020	22420	00900	05605			
Ringway	334	11205	72020	21723	00901	06506	81080		
Squires Gate	318	13307	80020	22220	00901	05610	81075		
Ronaldsway	204	12005	66020	22617	00901	07510	81075		
Mull of Galloway	131	10000	70020	22618	00901	11711	81075		
Eskdalemuir	162	12108	86020	21422	12602	08607	81830		
Prestwick	135	02607	75020	22420	00900	07708			
Abbotsinch	140	02905	70010	21623	00900	10606			
Leuchars	171	10812	81020	23512	16301	09606	81707		
Dyce	091	11306	80010	23414	15400	09606	81710		
Lerwick	005	72409	80022	23709	755//	08709	87625		
Wick	075	21305	68051	23810	26230	08706	82705		
Sule Skerry	010	02303	81010	23513	00900	10711			
Cape Wrath	049	00908	80010	22911	00900	10812			
Stornoway	026	10512	81010	22513	11630	11709	81835		
Benbecula	022	02208	81020	22714	00900	11506			
Tiree	100	03505	82020	22916	00900	11607			
Aldergrove	917	11307	70010	21622	11601	09710	81840		
Malin	980	00000	72020	22614	00900	11710			
Belmullet	976	20104	80030	21818	28500	10708	81820		
Birr	965	01304	80020	21221	00900	08506			
Dublin	969	00806	85020	22217	00900	07705			
Shannon	962	11003	74020	20823	11600	10709	81830		
Roches Point	952	01607	58050	22715	00900	10706			
Valentia	953	41707	58051	22118	48500	13604	83825		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00191	087	+	+
Hurn	862	00171	119	+	+
Manston	797	00150	058	+	+
Gatwick	776	00190	098	+	+
Kew	775	00210	102	+	+
Heathrow	772	00210	090	+	+
Honington	586	00190	127	+	+
Wattisham	590				
Gorleston	497		050		
Aberporth	502	00160	146	ir	+
Filton	628	00200	102	+	+
Rhoose	715	00170	145	+	+
Hartland Point	703	00150	139		
Mount Batten	827	00150	087	+	+
St. Mawgan	817	00171	084	+	+
Scilly	804	00160	092	+	+
Culdrose	809	00160	045	+	+
Guernsey	894	00141	000	+	+
Elmdon	534	00200	137	+	+
Cardington	559	00191	123	+	+
Wittering	462	00170	130	+	+
Watnall	354	00200	156	+	+
Shawbury	414	00220	153	+	+
Finningley	360	00200	159	+	+
Spurn Point	396			+	+
Leeming	257	00200	111	+	+
Tynemouth	262	00120	124	+	+
Carlisle	222	00240	163	+	+
Valley	302	00220	152	+	+
Ringway	334	00240	157	+	+
Squires Gate	318	00200	161	+	+
Ronaldsway	204	00180	159	+	+
Mull of Galloway	131	00180			
Eskdalemuir	162	00230	164	+	+
Prestwick	135	00200	163	+	+
Abbotsinch	140	00240	150	+	+
Leuchars	171	00140	127	+	+
Dyce	091	00170	099	+	+
Lerwick	005	00110	000	+	+
Wick	075	00110	026	+	+
Sule Skerry	010	00140			
Cape Wrath	049	00141	103	+	+
Stornoway	026	00160	155	+	+
Benbecula	022	00170	130	+	+
Tiree	100	00180	149	+	+
Aldergrove	917	00230	157	+	+
Malin	980	0016	149		
Belmullet	976	9719	145		
Birr	965	9722	117		
Dublin	969	9719	146		
Shannon	962	9723	146		
Roches Point	952	0016	153		
Valentia	953	0020	128		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

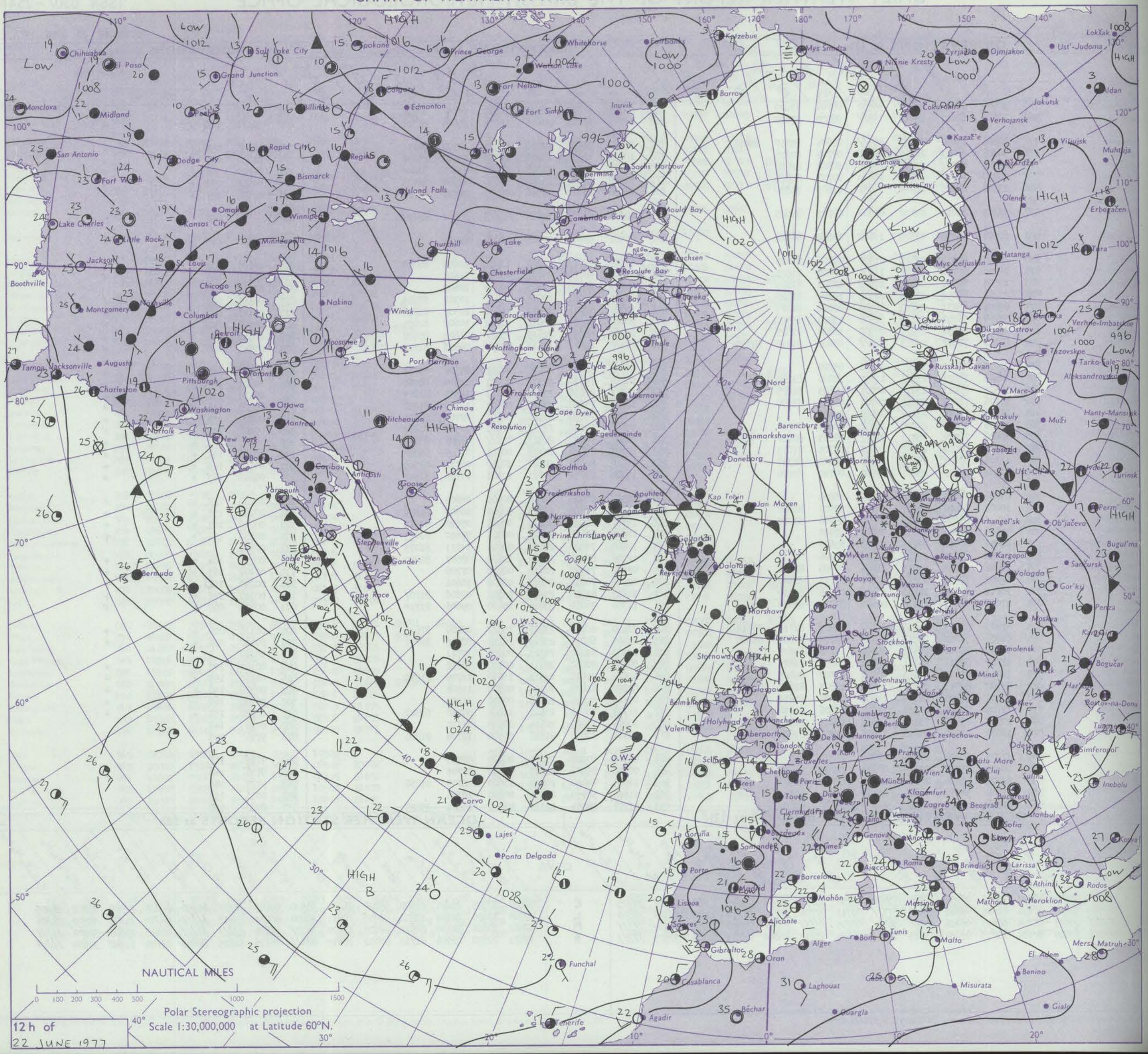
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sV_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22121	73008	97258	15209	73400	00218	83919	84642	05305	11074	30302	24905
L	99568	70200	22124	81628	96616	07912	873//	00712	87706	88710	0//12	11210	30808	21809
M	99662	10017	22124	82413	96026	20508	5637/	00705	/////	/////	00108	10796	30302	/////
R	99471	70169	22124	71718	98032	21415	6844/	00504	81815	86640	0//13	11501	30503	/////

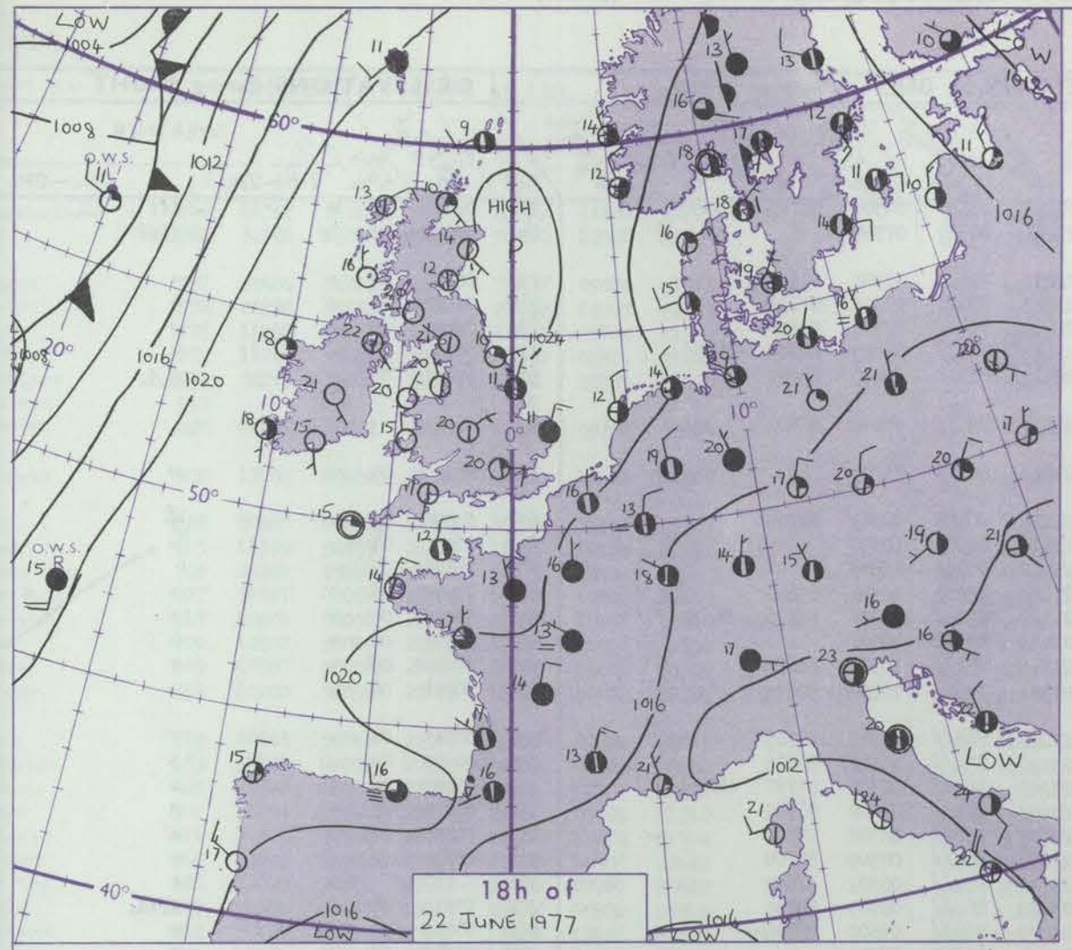
OCEAN WEATHER STATION REPORTS at 18h.

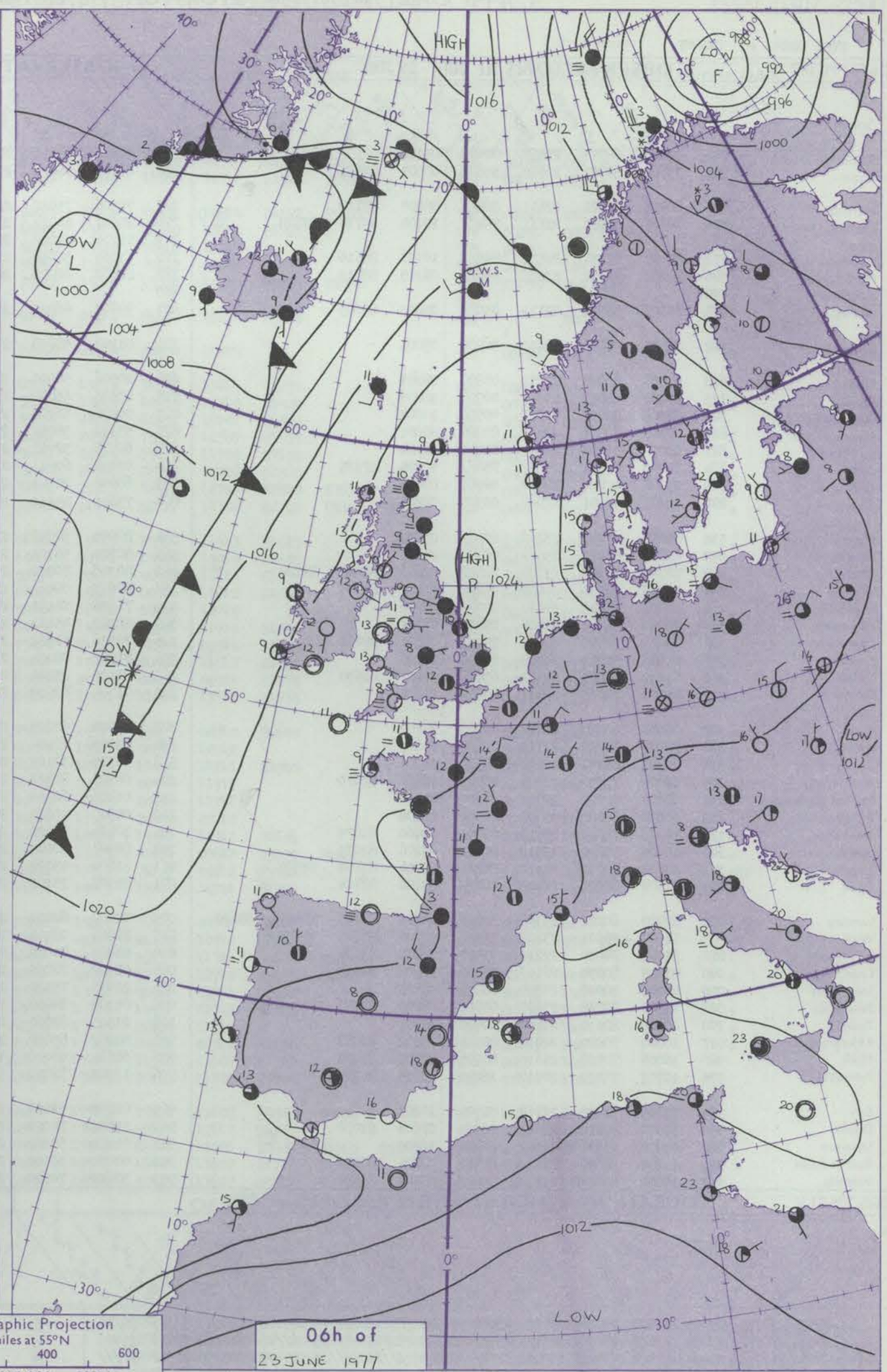
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sV_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22181	72608	98028	16209	78500	00602	/////	86650	05106	11069	30302	26905
L	99569	70199	22184	22812	98016	08811	28400	00214	81818	/////	0//10	11206	30502	99/06
M	99662	10018	22184	82512	97022	18708	3637/	00608	/////	/////	00108	10805	30302	/////
R	99471	70170	22184	81718	97012	18615	884//	00716	81815	88650	0//14	11542	30504	/////

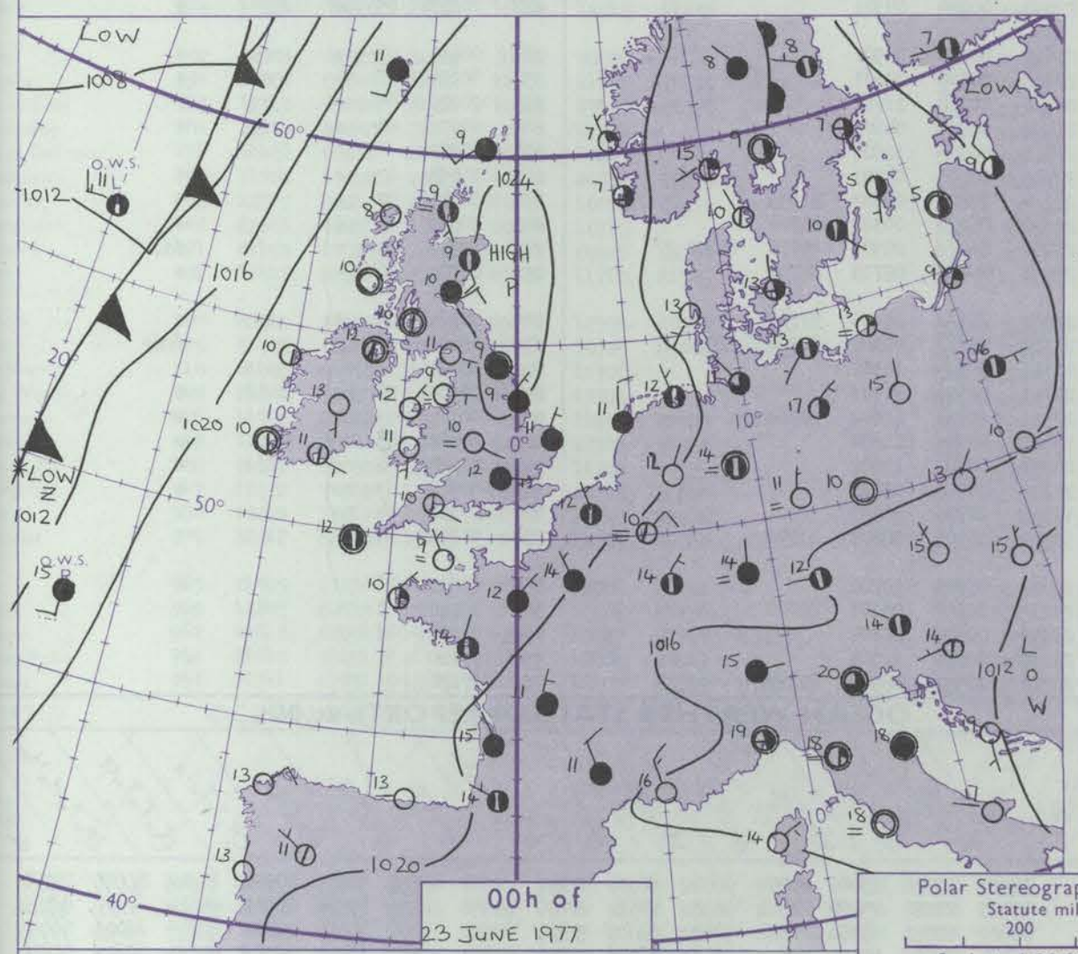
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 23 JUNE 1977

During the past 24 hours pressure has remained high from the northern North Sea across Britain to the northwest of Spain. A frontal trough lying northsouth to the west of the British Isles has edged slowly eastwards. During the next 24 hours the frontal trough to the west of the British Isles will continue to move slowly eastwards into western Scotland, whilst pressure remains high from the southern North Sea across England and Wales to the Bay of Biscay.

Code FM 11.V

OBSERVATIONS at 00h. 23 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	01003	60011	21812	00900	09102			
Hurn	862	33601	50051	21910	35600	09001	83635		
Manston	797	80406	70021	22611	864//	08400	88710		
Gatwick	776	70907	60021	22711	754//	10104	84714	87624	
Kew	775								
Heathrow	772	80907	59031	22812	854//	10107	88616		
Honington	586	80000	70031	23208	864//	06103	88711		
Wattisham	590								
Gorleston	497	80307	66022	23111	855//	08400	88625		
Aberporth	502	01805	58050	22411	00900	09001			
Filton	628	01008	80020	22212	00900	09204			
Rhoose	715	00202	58050	21911	00900	10203			
Hartland Point	703	02305	60050	22511	00900	11604			
Mount Batten	827	00902	62051	22410	00900	08001			
St. Mawgan	817	00000	38100	22811	00900	11101			
Scilly	804	70000	60021	23612	756//	10004	87635		
Culdrose	809	03507	40051	22710	00900	09000			
Guernsey	894	03305	57101	22609	00900	08801			
Elmdon	534	01002	61100	23210	00900	09205			
Cardington	559	00706	63020	23507	00900	07103			
Wittering	462	70707	70021	23709	763//	07000	84708	87709	
Watnall	354	10705	58030	24008	16200	07206	81705		
Shawbury	414	00802	58040	22613	00900	10206			
Finningley	360	00000	56100	24007	00900	07107			
Spurn Point	396	80403	70022	24309	854//	07601	88611		
Leeming	257	01506	50040	24209	00900	07106			
Tynemouth	262	61510	81021	24510	656//	09102	86630		
Carlisle	222	01004	75020	22811	00900	10204			
Valley	302	00404	62020	22212	00900	08702			
Ringway	334	00802	58020	22715	00900	11003			
Squires Gate	318	00905	57100	22509	00900	09204			
Ronaldsway	204	13606	75030	22208	00901	06801	81075		
Mull of Galloway	131	00000	82020	22312	00900	09500			
Eskdalemuir	162	00000	65020	23608	00900	06204			
Prestwick	135	10000	75020	22510	00901	08400	81075		
Abbotsinch	140	10505	65020	22512	00901	08106	81075		
Leuchars	171	80708	65031	24110	862//	08204	83704	88705	
Dyce	091	71609	62021	24009	762//	08102	87704		
Lerwick	005	82409	60022	23309	852//	09602	81703	84708	88620
Wick	075	71507	56101	23109	762//	09706	83704	87710	
Sule Skerry	010	31409	74030	22211	35500	10710	83625		
Cape Wrath	049	21805	80030	22113	25500	10603	82620		
Stornoway	026	03006	80010	21808	00900	08805			
Benbecula	022	11302	80020	21609	00902	09706	81080		
Tiree	100	00000	80110	21810	00900	09707			
Aldergrove	917	10000	70020	22012	00901	05202	81080		
Malin	980	10000	70020	21612	00901	07705	81075		
Belmullet	976	10701	75020	20810	16400	09705	81719		
Birr	965	01705	61020	21713	00900	10203			
Dublin	969	10000	80010	22013	00902	07601	81070		
Shannon	962	00000	75020	21512	00900	10000			
Roches Point	952	11104	58050	22411	00901	08701	81072		
Valentia	953	10000	80011	21810	15602	08702	81637		

OBSERVATIONS at 06h. 23 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	30706	08410	22009	16130	09304	81702	83360	
Hurn	862	00202	06414	22007	00900	07305			
Manston	797	70506	75012	22211	754//	08302	87611		
Gatwick	776	70807	60022	22511	754//	09303	87613		
Kew	775	70703	59022	22812	754//	07500	87616		
Heathrow	772	71205	58052	22612	754//	09303	81715	87618	
Honington	586	80602	62022	22910	863//	08400	88709		
Wattisham	590								
Gorleston	497	83607	66022	22711	855//	07400	88625		
Aberporth	502	01203	58050	21813	00900	11603			
Filton	628	20906	50050	22210	26200	08301	82704		
Rhoose	715	00605	56050	21611	00900	10301			
Hartland Point	703	00000	56400	21412	00900	11805			
Mount Batten	827	53102	36051	21412	55600	10501	85640		
St. Mawgan	817	60705	32051	21512	653//	11502	81706	86627	
Scilly	804	00000	60011	22411	00900	10501			
Culdrose	809	60000	20101	21811	657//	10500	86650		
Guernsey	894	73601	45101	21811	756//	10102	87635		
Elmdon	534	80803	50044	23208	862//	08301	88705		
Cardington	559	80704	56101	23110	854//	10302	88615		
Wittering	462	80305	70022	23209	863//	08302	83707	88708	
Watnall	354	80503	09461	23508	861//	07500	88702		
Shawbury	414	71106	18101	22609	761//	08302	87702		
Finningley	360	80202	45101	23109	862//	08505	88704		
Spurn Point	396	70306	72022	23710	754//	06301	87612		
Leeming	257	81802	08424	23408	860//	08703	88701		
Tynemouth	262	81105	23102	23909	864//	09602	88715		
Carlisle	222	01105	68020	22310	00900	08301			
Valley	302	00000	62020	21613	00900	09501			
Ringway	334	02203	22040	22510	00900	09601			
Squires Gate	318	00905	30100	22111	00900	11702			
Ronaldsway	204	00204	82020	21412	00900	06603			
Mull of Galloway	131	01005	60050	21813	00900	12601			
Eskdalemuir	162	00000	75020	22709	00900	07801			
Prestwick	135	10404	70020	22210	15700	08002	81656		
Abbotsinch	140	80507	40041	22810	862//	09302	88704		
Leuchars	171	81004	13102	23409	860//	09501	86700	88701	
Dyce	091	81707	25102	22909	860//	08703	88701		
Lerwick	005	72009	62021	22809	762//	09303	87704		
Wick	075	81806	08414	21710	860//	09502	84700	88702	
Sule Skerry	010	01405	74010	21311	00900	10302			
Cape Wrath	049	02302	70050	20713	00900	11503			
Stornoway	026	21905	75030	20511	10931	11602	81364		
Benbecula	022	01308	80010	19613	00900	11804			
Tiree	100	01513	82020	20213	00900	11602			
Aldergrove	917	01202	65020	21312	00900	05602			
Malin	980	01612	68010	19715	00900	07609			
Belmullet	976	11301	78010	19309	00902	08605	81070		
Birr	965	01804	62020	20612	00900	10702			
Dublin	969	13001	70020	21212	00902	06101	81070		
Shannon	962	01204	59100	20310	00900	08704			
Roches Point	952	00000	30101	21112	00900	11504			
Valentia	953	30602	70020	20309	18531	08502	81825		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00071	05	+	1ff
Hurn	862	00061	03	1f	1ffF
Manston	797	00100	10	+	+
Gatwick	776	00100	07	+	+
Kew	775	00110	08	+	+
Heathrow	772	00120	09	+	+
Honington	586	97070	02	+	d.d.
Wattisham	590				
Gorleston	497				
Aberporth	502	00100	03	+	+
Filton	628	00090	04	+	f
Rhoose	715	00080	03	+	+
Hartland Point	703	00110	08		
Mount Batten	827	00090	06	+	+
St. Mawgan	817	00101	05	+	+
Scilly	804	00101	06	+	+
Culdrose	809	00090	05	+	f
Guernsey	894	00091	04	+	+
Elmdon	534	00060	01	+	f
Cardington	559	00060	01	+	+
Wittering	462	00080	06	+	+
Watnall	354	00070	03	+	f
Shawbury	414	00090	04	+	+
Finningley	360	00070	02	+	+
Spurn Point	396			+	+
Leeming	257	97070	05	+	ffid.
Tynemouth	262	00090	08	+	+
Carlisle	222	00080	05	+	+
Valley	302	00100	03	+	+
Ringway	334	00100	07	+	+
Squires Gate	318	00080	05	+	+
Ronaldsway	204	00070	04	+	+
Mull of Galloway	131	00090			
Eskdalemuir	162	00050	02	+	+
Prestwick	135	00070	02	+	+
Abbotsinch	140	00090	07	+	+
Leuchars	171	97090	09	+	fd.
Dyce	091	00080	08	+	+
Lerwick	005	00070	05	+	+
Wick	075	00090	07	ff	1fff
Sule Skerry	010	00080			
Cape Wrath	049	00100	09	+	+
Stornoway	026	00061	03	+	+
Benbecula	022	00080	03	+	+
Tiree	100	00080	02	+	+
Aldergrove	917	00080	03	+	+
Malin	980	97100	04		
Belmullet	976	97090	04		
Birr	965	00090	06		
Dublin	969	00110	04		
Shannon	962	97100	04		
Roches Point	952	97110	03		
Valentia	953	97070	03		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23001	72510	98022	15910	73400	00501	83915	84643	05106	11060	3//03	26/06
L	99570	70197	23004	72616	98018	11311	784//	22315	82815	87635	0//08	11226	30603	21905
M	99662	10016	23004	82512	97022	18008	5874/	00804	/////	/////	00107	10815	30302	/////
R	99471	70170	23004	81811	97028	18015	884//	00803	83815	88640	0//14	11552	30603	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23061	82707	98022	14309	856//	00707	86637	/////	05206	11056	3////	26006
L	99569	70186	23064	62711	98012	13111	684//	22110	82815	86635	0//07	11203	30603	21905
M	99662	10018	23064	82510	97022	16908	885//	00601	/////	/////	00107	10817	30302	/////
R	99472	70170	23064	81816	96032	16415	884//	00506	84710	88640	0//15	11533	30704	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

42218

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

Date of Issue FRIDAY 24 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 23 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Boscombe Down	746	61302	61024	21417	685//	11804	84822	83645	
Hurn	862	32006	65014	21916	34500	10801	83622		
Manston	797	70406	82012	22413	754//	09000	81712	87614	
Gatwick	776	20802	63021	21817	21600	10807	82830		
Kew	775	11405	58051	22515	11600	07704	81830		
Heathrow	772	11003	57051	22416	11500	08804	81828		
Honington	586	72205	75015	22613	655/1	08803	86620		
Wattisham	590								
Gorleston	497	80207	64022	22712	855//	09702	88625		
Aberporth	502	13007	60050	21316	11500	12602	81825		
Filton	628	80803	40054	22113	863//	11802	88708		
Rhoose	715	11309	50050	21516	16400	12704	81712		
Hartland Point	703	02804	09464	21712	00900	12400			
Mount Batten	827	52207	40051	21716	45630	13400	84640		
St. Mawgan	817	42906	56051	21515	48531	11802	81820	84650	
Scilly	804	12802	58020	22916	12600	12000	81830		
Culdrose	809	62507	58054	21915	68500	11201	83820	83630	
Guernsey	894	80000	58052	22113	883//	10101	82709	85813	88640
Elmdon	534	61205	59042	22513	654//	09804	86615		
Cardington	559	81802	60052	22913	854//	09804	88618		
Wittering	462	80307	68022	23212	864//	09702	88712		
Watnall	354	20704	62014	22415	25400	09708	81710		
Shawbury	414	11207	57041	21716	16400	11810	81714		
Finningley	360	20902	62051	22315	25500	10808	82622		
Spurn Point	396	30000	70011	23612	35500	07703	83620		
Leeming	257	51807	40045	22813	564//	09806	85710		
Tynemouth	262	31110	69021	23211	15520	08807	81625	83458	
Carlisle	222	13004	70020	20423	11600	14712	81838		
Valley	302	02408	62020	21418	00900	09502			
Ringway	334	12006	56040	21518	11600	11707	81835		
Squires Gate	318	12310	60030	21221	11500	15606	81825		
Ronaldsway	204	01106	40040	21217	00900	11704			
Mull of Galloway	131	01406	58050	21016	00900	13605			
Eskdalemuir	162	11704	65020	20023	12600	09708	81835		
Prestwick	135	12807	80030	20721	11600	10708	81835		
Abbotsinch	140	03303	60051	20819	00900	10715			
Leuchars	171	81103	27025	22311	862//	09808	88704		
Dyce	091	11410	62051	20816	16301	11710	81708		
Lerwick	005	82014	56102	21710	861//	10705	85702	88706	
Wick	075	81709	08424	20611	860//	10705	83700	88702	
Sule Skerry	010	01405	66050	20215	00900	11706			
Cape Wrath	049	01804	80020	19517	00900	13708			
Stornoway	026	11705	82020	19417	11500	11803	81825		
Benbecula	022	11912	75020	19017	00901	12704	81080		
Tiree	100	01612	64050	19716	00900	11704			
Aldergrove	917	12402	70030	19822	15600	09709	81640		
Malin	980	12014	75010	19022	11500	11707	81826		
Belmullet	976	32012	68030	19118	11502	11804	81820	83070	
Birr	965	21909	62030	19820	22500	12806	82822		
Dublin	969	11207	80030	20220	11600	07806	81830		
Shannon	962	41610	62051	19718	48500	10807	82825	83635	
Roches Point	952	21610	58051	21116	21400	12804	82818		
Valentia	953	71711	67051	19718	31502	12805	83825	87070	

OBSERVATIONS at 18h. 23 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Boscombe Down	746	51807	62012	19517	54500	12709	81820	84640	
Hurn	862	31905	58051	20117	11530	11711	81828	83358	
Manston	797	40405	80021	20514	15401	09814	81612	84072	
Gatwick	776	21907	65011	19717	28500	13611	81828		
Kew	775	00901	58050	19719	00900	08713			
Heathrow	772	03202	56050	19320	00900	09616			
Honington	586	61602	70022	19818	15502	10714	81625	86080	
Wattisham	590								
Gorleston	497	80205	66022	20912	855//	09712	88625		
Aberporth	502	03008	62050	20014	00900	11705			
Filton	628	30202	60031	19119	31600	13615	83835		
Rhoose	715	11504	58050	19218	18500	13710	81820		
Hartland Point	703	62708	30054	20016	6093/	14707	86360		
Mount Batten	827	72205	56051	20515	756//	12707	87635		
St. Mawgan	817	73006	56051	20515	756//	11705	87630		
Scilly	804	20000	58020	21616	22500	12706	82825		
Culdrose	809	72405	57051	20715	785//	12706	82820	87635	
Guernsey	894	80000	57052	21013	883//	11708	82708	83812	88640
Elmdon	534	11704	61041	19618	15500	11613	81625		
Cardington	559	10604	60051	20316	15600	13715	81635		
Wittering	462	12206	57041	20615	00901	10713	81075		
Watnall	354	11803	68020	19918	00901	11612	81080		
Shawbury	414	01007	58040	18520	00900	12715			
Finningley	360	11403	60050	19818	00902	11714	81080		
Spurn Point	396	21208	75020	21213	00901	09714	82075		
Leeming	257	11608	70041	19720	00901	11613	81080		
Tynemouth	262	11408	69020	20712	00908	09713	81275		
Carlisle	222	12805	65020	18021	11600	13612	81835		
Valley	302	63003	75031	19317	656//	06710	86645		
Ringway	334	02407	59010	18821	00900	10712			
Squires Gate	318	13206	64020	18719	11600	11811	81840		
Ronaldsway	204	02104	61020	18816	00900	11712			
Mull of Galloway	131	02105	60050	18818	00900	11711			
Eskdalemuir	162	01806	70010	17623	00900	07712			
Prestwick	135	13004	60020	18420	15701	12710	81656		
Abbotsinch	140	52308	81051	17723	30931	07612	83370	84081	
Leuchars	171	70711	22052	19711	761//	09712	87702		
Dyce	091	11510	45050	18613	16200	10711	81704		
Lerwick	005	72011	30102	19910	760//	09708	87701		
Wick	075	21209	56054	18311	26200	10712	82703		
Sule Skerry	010	61407	66031	18313	3557/	11711	83625	86360	
Cape Wrath	049	63202	80031	18017	685//	12710	84820	86625	
Stornoway	026	12111	75020	17220	00901	09711	81080		
Benbecula	022	12706	65050	17316	10931	12708	81365		
Tiree	100	02608	62050	17418	00900	11712			
Aldergrove	917	11812	70011	17123	00901	07712	81080		
Malin	980	13107	60100	17216	10932	12607	81362		
Belmullet	976	82113	62101	17615	35607	11705	83640	88270	
Birr	965	71908	64031	17719	785/2	13607	84824	84634	
Dublin	969	61503	64051	17620	626//	12612	86835		
Shannon	962	72909	70021	17818	6857/	11506	83828	84645	85360
Roches Point	952	71812	50051	19516	16401	13607	81712	87075	
Valentia	953	61812	62052	18816	52530	13607	85824	84362	

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00190	056 +		+
Hurn	862	00171	089 +		+
Manston	797	00140	034 +		+
Gatwick	776	00200	098 +		+
Kew	775	00190	099 +		+
Heathrow	772	00210	105 +		+
Honington	586	97190	069 1d.		+
Wattisham	590				
Gorleston	497		000		
Aberporth	502	00180	141 +		+
Filton	628	00200	059 +		+
Rhoose	715	00190	142 +		+
Hartland Point	703	00170	127		
Mount Batten	827	00170	068 +		+
St. Mawgan	817	00170	096 +		+
Scilly	804	00170	099 +		+
Culdrose	809	00170	049 +		+
Guernsey	894	00141	000 +		+
Elmdon	534	00180	084 +		+
Cardington	559	00170	062 +		+
Wittering	462	00160	055 +		+
Watnall	354	00190	100 +		+
Shawbury	414	00200	114 +		+
Finningley	360	00190	096 +		+
Spurn Point	396		+		+
Leeming	257	00210	073 +		+
Tynemouth	262	00120	082 +		+
Carlisle	222	00240	143 +		+
Valley	302	00190	121 +		+
Ringway	334	00210	149 +		+
Squires Gate	318	00220	137 +		+
Ronaldsway	204	00180	152 +		+
Mull of Galloway	131	00180			
Eskdalemuir	162	00250	156 +		+
Prestwick	135	00230	159 +		+
Abbotsinch	140	00250	094 +		+
Leuchars	171	97130	009 d.		iff
Dyce	091	00170	124 +		+
Lerwick	005	00120	027 +		ifFF
Wick	075	00130	052 ffif		if
Sule Skerry	010	00160			
Cape Wrath	049	00180	125 +		+
Stornoway	026	00210	156 +		+
Benbecula	022	00180	137 +		+
Tiree	100	00190	143 +		+
Aldergrove	917	00250	150 +		+
Malin	980	0023	140		
Belmullet	976	9718	112		
Birr	965	0021	120		
Dublin	969	0021	141		
Shannon	962	9721	083		
Roches Point	952	0018	127		
Valentia	953	0019	076		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

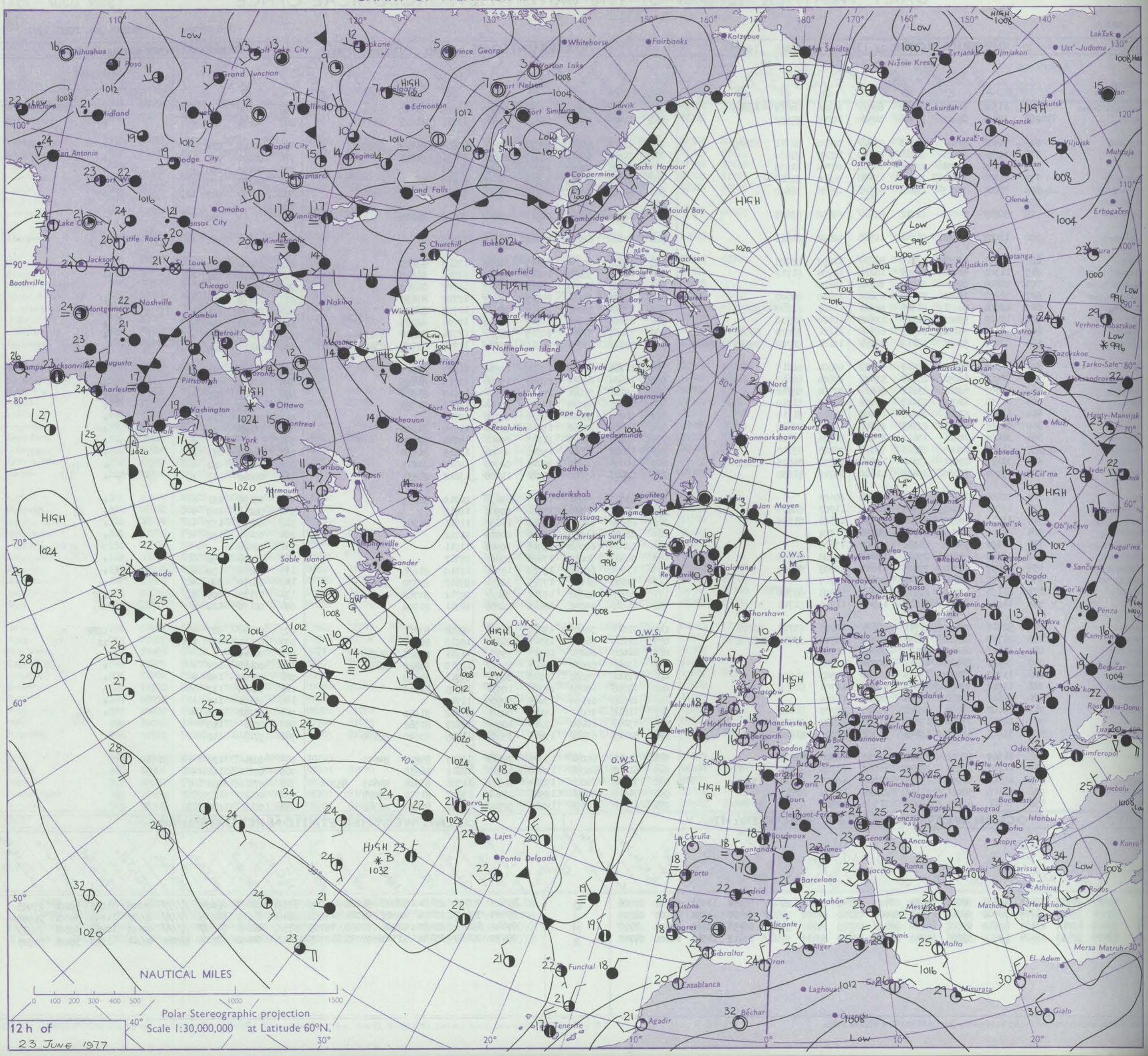
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23121	82708	98022	14609	856//	00303	88634	/////	05204	11033	30302	27006
L	99566	70172	23124	30000	98011	15313	28430	22306	81816	/////	0//07	11254	30000	21805
M	99662	10016	23124	82510	97022	16509	884//	00705	/////	/////	00106	10863	30302	/////
R	99470	70170	23124	83214	97035	18015	854//	00110	88615	/////	0/A3	11511	30302	24703

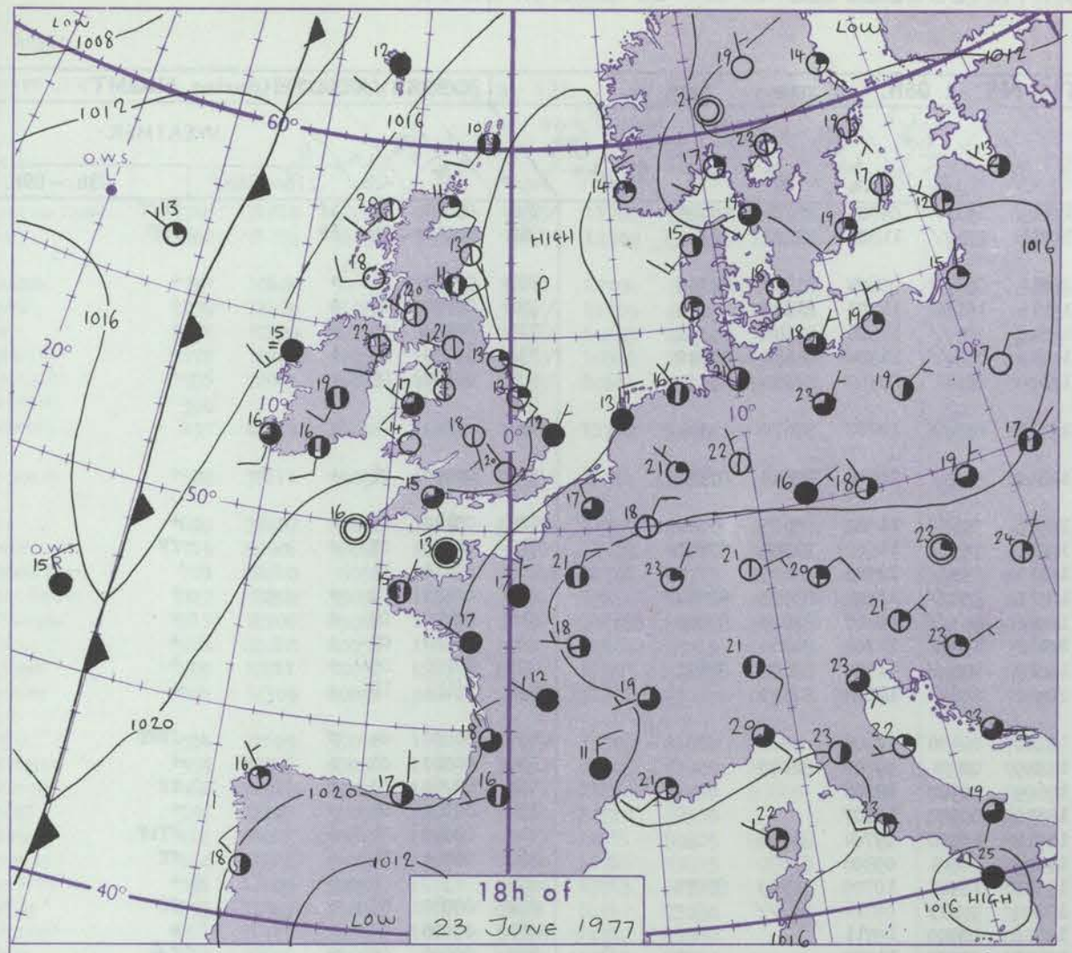
OCEAN WEATHER STATION REPORTS at 18h.

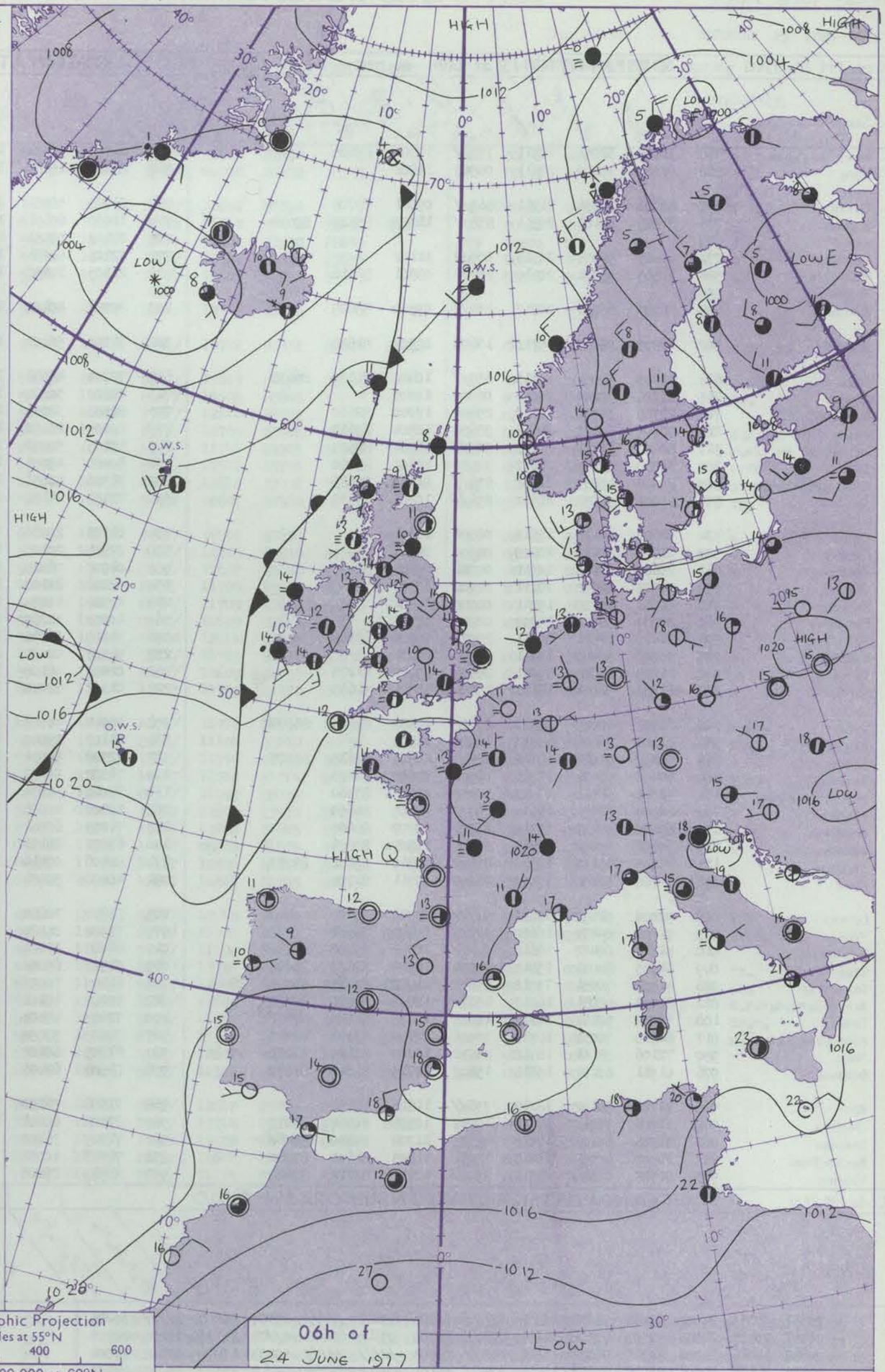
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23181	82805	98022	15009	855//	00303	88625	/////	05205	11054	30201	27905
L	99565	70167	23184	22805	98011	15012	28400	21802	82818	/////	0//08	11299	30301	20905
M	99662	10016	23184	82506	97022	15709	855//	00601	/////	/////	00107	10863	30301	/////
R	99470	70169	23184	83312	97036	18515	3247/	00400	83815	88360	0//A1	11540	30401	24703

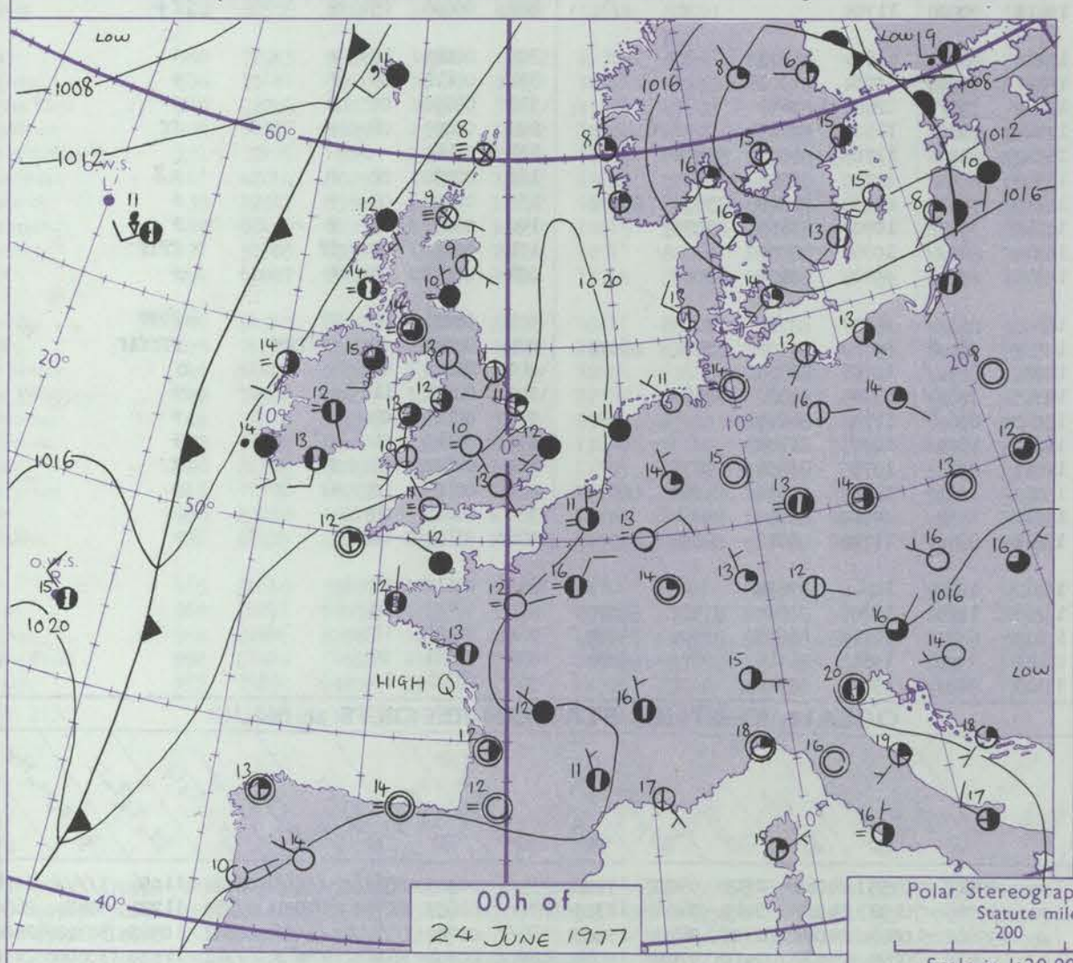
Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 24 JUNE 1977

During the past 24 hours a slow fall of pressure has taken place over the British Isles and southern Scandinavia and the centre of high pressure has transferred southwards from the eastern North Sea to the Bay of Biscay. A filling low has remained slow-moving to the southwest of Iceland and the associated cold front has moved slowly east towards north-western parts of the British Isles. This front is expected to continue to move east crossing Scotland and Northern Ireland during the next 24 hours, and the centre of high pressure will move eastwards into France as another frontal system in mid-Atlantic moves rather quickly east into Biscay.

Code FM 11.V **OBSERVATIONS at 00h.** 24 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d app$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	71805	57051	20511	755//	10801	87628		
Hurn	862	02302	30100	20811	00900	11802			
Manston	797	80902	70031	21211	863//	09001	88708		
Gatwick	776	81805	57101	20811	855//	11000	85624	88634	
Kew	775								
Heathrow	772	01605	56050	20513	00900	11102			
Honington	586	21605	58011	20410	25400	08801	82616		
Wattisham	590								
Gorleston	497	82303	66031	20712	855//	09804	88625		
Aberporth	502	12205	58050	19710	15600	08803	81640		
Filton	628	62305	58051	19913	655//	10802	81625	86638	
Rhoose	715	02706	30100	20011	00900	10000			
Hartland Point	703	22705	30051	20713	25600	12000	82630		
Mount Batten	827	52105	60052	20613	55600	12804	85635		
St. Mawgan	817	80000	56052	20713	855//	11801	88625		
Scilly	804	30000	58050	21412	30930	11804	83360		
Culdrose	809	80000	45052	21212	856//	11103	88635		
Guernsey	894	83002	57052	21312	856//	10802	88635		
Elmdon	534	01605	34110	19810	00900	10801			
Cardington	559	01705	50110	20209	00900	09804			
Wittering	462	20602	50110	20310	00901	09804	82075		
Watnall	354	01502	48050	20111	00900	09803			
Shawbury	414	00902	18100	19011	00900	10801			
Finningley	360	00304	56100	19309	00900	08704			
Spurn Point	396	31609	68011	20511	20971	09706	82360		
Leeming	257	01508	58040	19511	00900	09801			
Tynemouth	262	11705	69020	19411	00908	09607	81275		
Carlisle	222	11302	56041	18113	15701	11806	81650		
Valley	302	61807	60042	19213	25602	10803	82645	86075	
Ringway	334	01003	56040	19213	00900	11803			
Squires Gate	318	52302	60011	18712	25602	10803	82635	84075	
Ronaldsway	204	60302	62031	18512	00906	08802	86275		
Mull of Galloway	131	32010	66010	17913	30930	09705	83360		
Eskdalemuir	162	60000	57051	18610	657//	08805	86650		
Prestwick	135	60000	57111	17414	657//	10707	86650		
Abbotsinch	140	30604	50051	17313	35701	11803	83656		
Leuchars	171	83505	45104	18310	861//	09710	85702	88703	
Dyce	091	11206	56050	17109	16200	08711	81704		
Lerwick	005	92009	01454	18608	9////	08709	89/00		
Wick	075	91006	04474	16609	9////	09809	89/01		
Sule Skerry	010	91212	09472	16610	9////	10711	89/00		
Cape Wrath	049	61805	80031	15915	25505	10815	82625	86070	
Stornoway	026	81504	70051	15912	35677	11712	83635	84362	85464
Benbecula	022	82502	62051	16013	4577/	12709	84650	88360	
Tiree	100	72002	57111	16212	10938	11608	81365	87272	
Aldergrove	917	61810	70031	16715	30936	09706	83362	86275	
Malin	980	72106	58101	16712	25732	10709	82650	87072	
Belmullet	976	41911	60101	15914	15602	12715	81640	83070	
Birr	965	71701	56102	18212	756//	11803	87632		
Dublin	969	31906	70011	17614	10932	10806	81362	83070	
Shannon	962	71706	60102	17614	4567/	11708	84640	87460	
Roches Point	952	71809	40052	19213	15631	11803	81640	87070	
Valentia	953	81512	60616	17214	854//	12712	83718	88628	

OBSERVATIONS at 06h. 24 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d app$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	61704	05424	19409	650//	09703	82701	85645	
Hurn	862	81602	15284	19711	856//	11602	88630		
Manston	797	81705	50051	20011	863//	09604	83707	88709	
Gatwick	776	10000	25101	19811	15600	11703	81635		
Kew	775	72102	57051	19613	756//	11606	87640		
Heathrow	772	72106	45051	19414	756//	11804	81632	87640	
Honington	586	21605	20100	19109	00901	09707	82080		
Wattisham	590								
Gorleston	497	89902	40102	19312	855//	10707	88620		
Aberporth	502	71703	58101	18610	5563/	10606	85645	87358	
Filton	628	72204	45051	18913	756//	11502	87635		
Rhoose	715	72802	30284	18811	753//	11602	81708	87640	
Hartland Point	703	82508	30051	19113	855//	12706	88625		
Mount Batten	827	80000	20102	19713	855//	12501	83625	88632	
St. Mawgan	817	82103	50052	19512	853//	10607	82709	83626	88650
Scilly	804	50000	40051	20112	40972	11704	84360		
Culdrose	809	71905	40051	19612	785//	11705	82820	87650	
Guernsey	894	72402	24102	20512	756//	11502	87640		
Elmdon	534	01702	20280	18210	00900	10606			
Cardington	559	22302	20100	18809	00901	09707	82075		
Wittering	462	01902	06424	18609	00900	08706			
Watnall	354	02002	22100	18310	00900	10607			
Shawbury	414	12302	40284	17910	15700	09704	81656		
Finningley	360	10000	32284	17609	00901	09806	81080		
Spurn Point	396	31805	56020	18511	10941	10709	81360	83075	
Leeming	257	91506	02474	17609	9////	09711	89///		
Tynemouth	262	02007	56100	17110	00900	10711			
Carlisle	222	01302	22044	17112	00900	11704			
Valley	302	71912	40042	18113	662/2	11604	86705		
Ringway	334	01102	20040	18111	00900	10704			
Squires Gate	318	72508	58031	17914	756//	12603	87635		
Ronaldsway	204	71802	50112	17012	762//	11604	87705		
Mull of Galloway	131	72010	66031	16312	48536	11705	83825	83275	
Eskdalemuir	162	20000	40051	17308	20932	07709	82366		
Prestwick	135	71203	60041	16114	38632	09705	81845	83650	85080
Abbotsinch	140	63602	28101	15811	35732	10707	83650	85075	
Leuchars	171	82406	07414	16310	860//	10706	88700		
Dyce	091	40000	59051	15311	25731	09708	82650	83080	
Lerwick	005	81810	30284	16608	860//	08707	88701		
Wick	075	73502	04424	14509	560/2	09710	82700	83701	86075
Sule Skerry	010	61408	58014	14710	655//	10706	86625		
Cape Wrath	049	71903	65052	14313	785//	13705	84820	87625	
Stornoway	026	61804	70052	13913	656//	11708	86645		
Benbecula	022	32007	40101	14312	16232	12706	81704		
Tiree	100	72403	40404	15013	55738	12705	85656	87275	
Aldergrove	917	71805	57052	15713	15632	11704	81630	84360	86075
Malin	980	81705	60102	15112	3572/	09710	83650	88461	
Belmullet	976	81507	62106	13814	864//	11712	86717	88636	
Birr	965	71506	56102	16312	756//	10610	87634		
Dublin	969	72308	60101	16313	15632	10705	81640	83362	86070
Shannon	962	71309	56102	15113	65732	11713	86656	83359	85075
Roches Point	952	71713	40052	16814	754/2	13612	81716	87637	85070
Valentia	953	81515	25616	13414	864//	13721	88711		

OBSERVATIONS during NIGHT

Station	iii	$RRT_n T_n E$	$T_g T_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00060	04	1f	1fff
Hurn	862	00081	05	fF	FFf
Manston	797	00080	04	+	+
Gatwick	776	00100	08	+	+
Kew	775	00080	03	+	+
Heathrow	772	00120	08	+	+
Honington	586	00080	05	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00090	06	+	+
Filton	628	00110	05	+	+
Rhoose	715	00100	07	+	fF
Hartland Point	703	00130	11		
Mount Batten	827	00120	10	+	+
St. Mawgan	817	00110	08	+	+
Scilly	804	00120	07	+	+
Culdrose	809	00100	05	+	+
Guernsey	894	00111	11	+	+
Elmdon	534	00070	04	f	fFFf
Cardington	559	00060	03	+	+
Wittering	462	00060	02	f	ff
Watnall	354	00080	03	+	+
Shawbury	414	00060	01	+	ff1f
Finningley	360	00060	01	+	ff
Spurn Point	396			+	+
Leeming	257	00080	07	+	ff
Tynemouth	262	00100	07	+	+
Carlisle	222	00090	05	+	;f f
Valley	302	00120	10	+	+
Ringway	334	00110	08	+	+
Squires Gate	318	00090	05	+	+
Ronaldsway	204	00090	06	+	ff
Mull of Galloway	131	00110			
Eskdalemuir	162	00050	02	+	+
Prestwick	135	00100	07	+	+
Abbotsinch	140	00090	05	+	+
Leuchars	171	00090	09	ff	ff1f
Dyce	091	00070	02	+	+
Lerwick	005	00071	08	FF	FFff
Wick	075	00080	09	1ffFF	FFff1f
Sule Skerry	010	00080	09		
Cape Wrath	049	00121	11	+	+
Stornoway	026	00110	08	+	+
Benbecula	022	00110	06	+	+
Tiree	100	00100	07	f	f
Aldergrove	917	00120	10	+	+
Malin	980	00110	08		
Belmullet	976	93131	12		
Birr	965	00110	09		
Dublin	969	97120	09		
Shannon	962	00121	11		
Roches Point	952	97121	09		
Valentia	953	03131	10		

Code FM 21.V **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s app$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	24001	83004	98032	16208	855//	00206	88627	/////	05304	11047	3////	30/05
L	99567	70177	24004	72509	97801	14111	784//	62701	85818	86640	0//07	11285	30202	22805
M	99662	10016	24004	82310	96022	14508	863//	00703	/////	/////	00008	10879	30302	26004
R	99470	70168	24004	73010	97032	19714	1245/	00101	81815	87360	0//10	11527	30000	24703

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s app$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	24061	82503	98022	17008	855//	00303	88626	/////	05404	11056	3////	30/05
L	99569	70192	24064	72419	96808	12309	784//	62607	82710	85815	0//09	11222	30434	26805
M	99662	10016	24064	82309	96104	13008	862//	00708	/////	/////	00008	10867	30302	26004
R	99470	70168	24064	72410	97032	19014	1247/	00501	81815	87460	0//12	11529	30000	24703

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307–2541

42219 Date of Issue SATURDAY 25 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 24 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71810	62024	18316	785//	11708	82824	87645	
Hurn	862	71706	56052	19015	754//	12805	81713	87640	
Manston	797	30604	50051	18618	32401	12708	83818		
Gatwick	776	72409	61021	18918	785//	11709	81825	87645	
Kew	775	72209	62031	18619	786//	10708	81830	87656	
Heathrow	772	72408	60031	18419	1865/	10608	81830	87362	
Honington	586	72008	56051	17619	785//	10611	85826	84645	
Wattisham	590								
Gorleston	497	41614	56051	18014	45400	11712	84618		
Aberporth	502	72111	59052	17415	785//	11711	87820		
Filton	628	72407	60052	18116	656/2	11707	84640	85650	
Rhoose	715	82906	58052	18115	854//	12708	81710	88645	
Hartland Point	703	82610	56052	18414	854//	11706	82710	88625	
Mount Batten	827	72208	59052	19315	784//	12604	81713	83820	87645
St. Mawgan	817	72704	45052	18314	784//	11708	82815	87645	
Scilly	804	82012	40056	19314	864//	12604	88710		
Culdrose	809	72211	30052	18615	6843/	12808	82710	85814	
Guernsey	894	72309	40052	20414	783/2	11801	83707	84812	85640
Elmdon	534	72609	58041	16818	785//	13709	81820	87640	
Cardington	559	72508	58051	17918	785//	14605	83825	87640	
Wittering	462	72212	61024	17119	786//	11710	84830	87645	
Watnall	354	22207	50050	16121	21600	12710	82830		
Shawbury	414	72005	59041	16219	785//	12711	84825	86650	
Finningley	360	31805	59040	15521	31600	12716	83835		
Spurn Point	396	11109	32050	16717	11600	13713	81830		
Leeming	257	31508	45044	15021	00901	14717	83080		
Tynemouth	262	51410	30051	15316	50930	12712	85360		
Carlisle	222	52808	63031	14920	48601	12614	82830		
Valley	302	72013	56042	17016	55702	11708	85656	86075	
Ringway	334	73106	59021	16419	21651	10711	82835	86361	
Squires Gate	318	72706	60021	16916	756//	13707	87640		
Ronaldsway	204	71914	34054	15914	18232	12809	81705	87075	
Mull of Galloway	131	72121	19052	14613	16335	11610	81708	83360	86075
Eskdalemuir	162	42014	62050	14320	12602	10711	81830	84072	
Prestwick	135	72013	65022	14021	11632	12710	81835	84360	86075
Abbotsinch	140	62109	62022	13322	11632	14615	81835	86075	
Leuchars	171	52308	65034	13522	22632	10713	82840	83075	
Dyce	091	60807	60051	12720	18601	13714	81835	86080	
Lerwick	005	81910	60022	14310	862//	09611	88705		
Wick	075	71510	36404	12412	26082	10709	81700	87075	
Sule Skerry	010	61401	66051	13314	3557/	12605	83625	86460	
Cape Wrath	049	71909	80032	12814	2553/	12707	82625	87360	
Stornoway	026	72110	68051	12816	7097/	09604	83359	87363	
Benbecula	022	71912	68031	13015	2547/	13604	81712	84360	87464
Tiree	100	81708	60052	13815	1547/	11703	81710	88459	
Aldergrove	917	72706	65022	13818	18638	11608	81830	86360	87270
Malin	980	82207	65216	13217	4547/	12708	81717	84640	88460
Belmullet	976	81503	60606	12614	864//	12704	82711	86716	88636
Birr	965	81610	58606	13614	6642/	14716	86711	88458	
Dublin	969	72211	60052	14317	3543/	09712	81717	83630	86360
Shannon	962	81616	82026	12216	864//	13617	82710	86715	86630
Roches Point	952	81416	16586	14113	872//	13816	88705		
Valentia	953	71608	62206	12116	724//	14705	83710	87817	

OBSERVATIONS at 18h. 24 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72111	64022	16614	756//	09708	85630	87650	
Hurn	862	72210	50052	17414	3858/	11708	82822	87359	
Manston	797	72212	59031	16917	7097/	10604	87360		
Gatwick	776	72110	61022	17215	48502	11710	82822	83650	87075
Kew	775	82210	58052	16916	886//	10807	82830	88645	
Heathrow	772	71907	59052	16416	785//	11709	82824	87645	
Honington	586	72211	58022	15219	786//	10607	81835	87645	
Wattisham	590								
Gorleston	497	81713	58052	15514	8091/	13713	88458		
Aberporth	502	82013	58602	15013	6852/	12712	83822	86640	88458
Filton	628	82405	60052	16314	856//	10609	82630	88642	
Rhoose	715	82807	58052	16214	856//	11608	88645		
Hartland Point	703	82510	56606	16612	873//	12611	88708		
Mount Batten	827	82309	30502	17414	853//	12709	85706	88625	
St. Mawgan	817	81810	25626	16712	852//	11711	82703	84707	88620
Scilly	804	82014	19636	16712	873//	12712	88706		
Culdrose	809	82110	12596	17012	6512/	12610	83702	86630	88460
Guernsey	894	72206	56052	18913	70932	09607	87360		
Elmdon	534	72111	61042	15116	756//	09707	87638		
Cardington	559	72510	57052	16217	786//	12505	83830	87645	
Wittering	462	82309	59022	15217	856//	11607	88640		
Watnall	354	82109	40051	14117	885//	11709	85823	88650	
Shawbury	414	82410	50042	14415	855//	11709	83620	88645	
Finningley	360	82504	57041	13319	856//	12609	88645		
Spurn Point	396	51908	58051	13819	58500	12714	82825	85640	
Leeming	257	72809	60041	13218	786//	11705	81830	87656	
Tynemouth	262	82704	56028	13317	856//	12609	88635		
Carlisle	222	62408	62012	13417	12632	11709	81830	86075	
Valley	302	81914	45042	14414	6572/	11712	86656	88459	
Ringway	334	83203	59022	14316	856//	11606	85640	88656	
Squires Gate	318	72905	59042	14515	756//	11709	85630	87643	
Ronaldsway	204	82113	36051	13613	16437	11712	81714	84361	88270
Mull of Galloway	131	82116	57052	12612	863//	11708	88708		
Eskdalemuir	162	71804	58051	13115	32638	10609	83830	86273	
Prestwick	135	62112	57052	12217	15632	10808	81645	83362	
Abbotsinch	140	72311	65032	11816	11632	09808	81835	83360	87072
Leuchars	171	72111	66022	11120	14602	12508	81645	87075	
Dyce	091	71812	60052	09820	12646	11611	81845	87275	
Lerwick	005	91708	02464	11410	9////	10715	89/00		
Wick	075	83211	59602	10915	25777	11708	82650	86360	88270
Sule Skerry	010	80000	58616	11713	874//	11708	88715		
Cape Wrath	049	81912	70212	11213	855//	12708	88620		
Stornoway	026	71810	62252	11313	4847/	12706	83618	83359	86464
Benbecula	022	82108	50606	11812	852//	12605	85705	87614	88630
Tiree	100	82704	59602	12014	8097/	11707	86359	88462	
Aldergrove	917	81911	58602	11715	2567/	11707	82640	86359	88462
Malin	980	80106	60616	12013	2567/	12602	82640	88460	
Belmullet	976	83418	64506	12112	862//	11302	82704	86712	87717
Birr	965	71708	70026	11116	764//	14612	85715	86631	
Dublin	969	81508	57216	12014	7547/	13714	83712	87622	87460
Shannon	962	72612	70259	11017	794/3	15502	82715	86920	
Roches Point	952	31810	20406	11315	22232	14611	81704		
Valentia	953	73212	70026	13814	764//	11214	85716	87635	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00170	004	+	+
Hurn	862	00160	000	+	+
Manston	797	00200	083	+	+
Gatwick	776	00190	051	+	+
Kew	775	00200	062	+	+
Heathrow	772	00210	056	+	+
Honington	586	00210	058	+	+
Wattisham	590				
Gorleston	497		059		
Aberporth	502	01171	002	+	r.rrr.r.
Filton	628	97180	004	+	r.
Rhoose	715	97150	000	+	ir.
Hartland Point	703	02142	000		
Mount Batten	827	02151	000	+	d.r.r.r
St. Mawgan	817	07162	000	r.	r.r.r.rr
Scilly	804	05152	014	ir.rr	rrff
Culdrose	809	07152	015	ir.	ir.r.r.drdrir
Guernsey	894	97161	044	+	ir.
Elmdon	534	00190	032	+	+
Cardington	559	00210	029	+	+
Wittering	462	00200	040	+	+
Watnall	354	00210	071	+	+
Shawbury	414	00190	012	+	+
Finningley	360	00220	072	+	+
Spurn Point	396			+	+
Leeming	257	00220	032	+	+
Tynemouth	262	03211	072	pr	pr
Carlisle	222	00200	098	+	+
Valley	302	01171	067	+	r.rr.
Ringway	334	97200	053	+	r.d.
Squires Gate	318	00170	038	+	+
Ronaldsway	204	91161	043	if	r.r.
Mull of Galloway	131	00140			
Eskdalemuir	162	00200	114	+	+
Prestwick	135	00210	053	+	+
Abbotsinch	140	00220	088	+	+
Leuchars	171	00230	081	+	+
Dyce	091	00240	114	+	+
Lerwick	005	00110	000	+	fFF
Wick	075	91171	050	jf	jfir.
Sule Skerry	010	95141			
Cape Wrath	049	94131	020	+	ir.
Stornoway	026	97170	018	+	pr.
Benbecula	022	01161	013	ir.	d.r.r.r.ir.
Tiree	100	91160	006	+	ir.r.
Aldergrove	917	95191	021	+	r.-r.r.
Malin	980	9118	001		
Belmullet	976	0416	000		
Birr	965	0217	004		
Dublin	969	0418	004		
Shannon	962	0520	010		
Roches Point	952	0716	015		
Valentia	953	0417	013		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

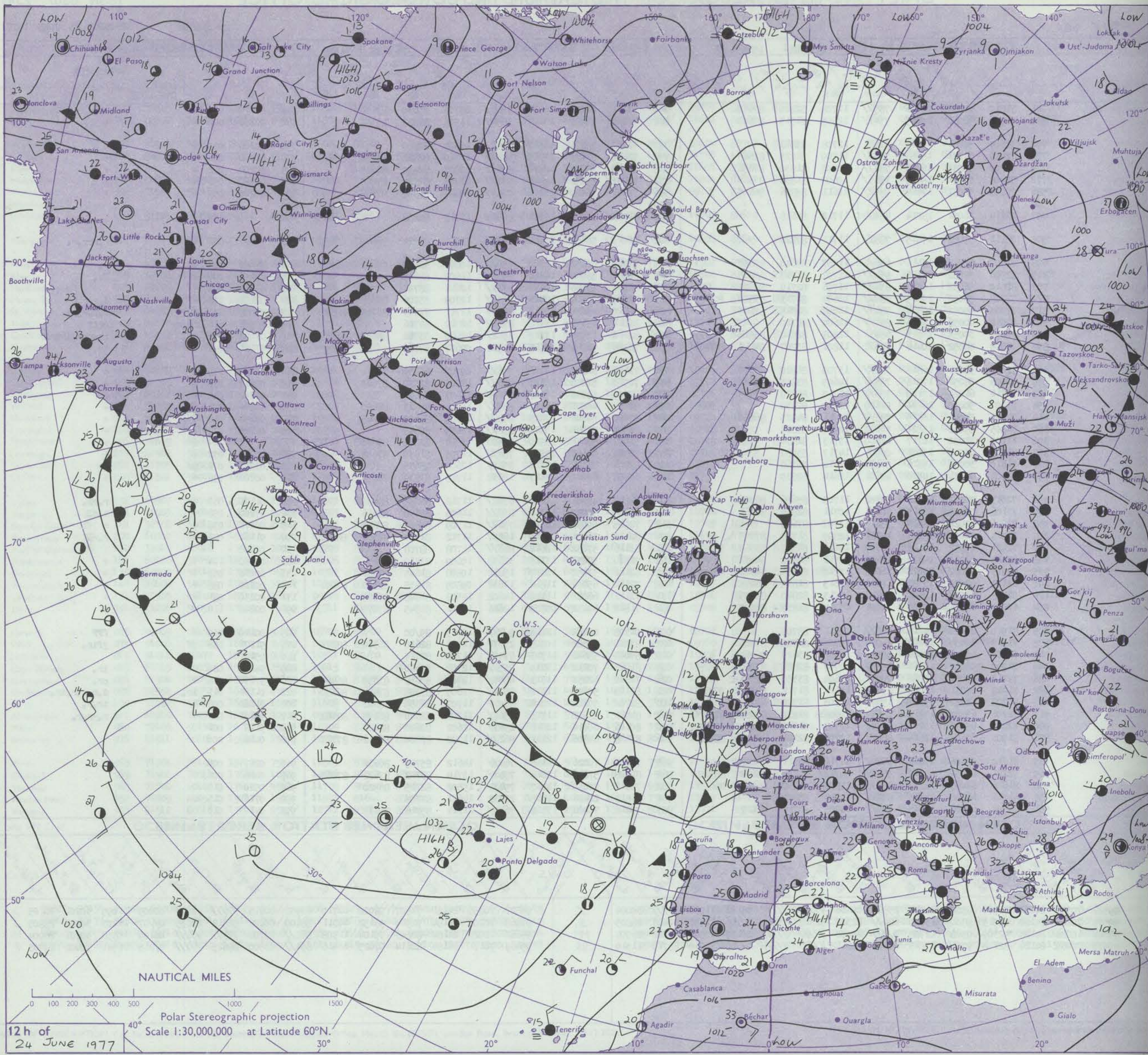
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24121	71504	98022	16810	25551	00400	/////	/////	05106	11081	3////	30004
L	99569	70206	24124	62513	98018	13010	684//	62307	82818	83630	0//06	11197	30403	26805
M	99661	10020	24124	92309	93452	12708	9////	00400	/////	/////	00109	10849	30302	26004
R	99470	70169	24124	82118	97025	17015	864//	00611	/////	/////	0/15	79710	88710	11510

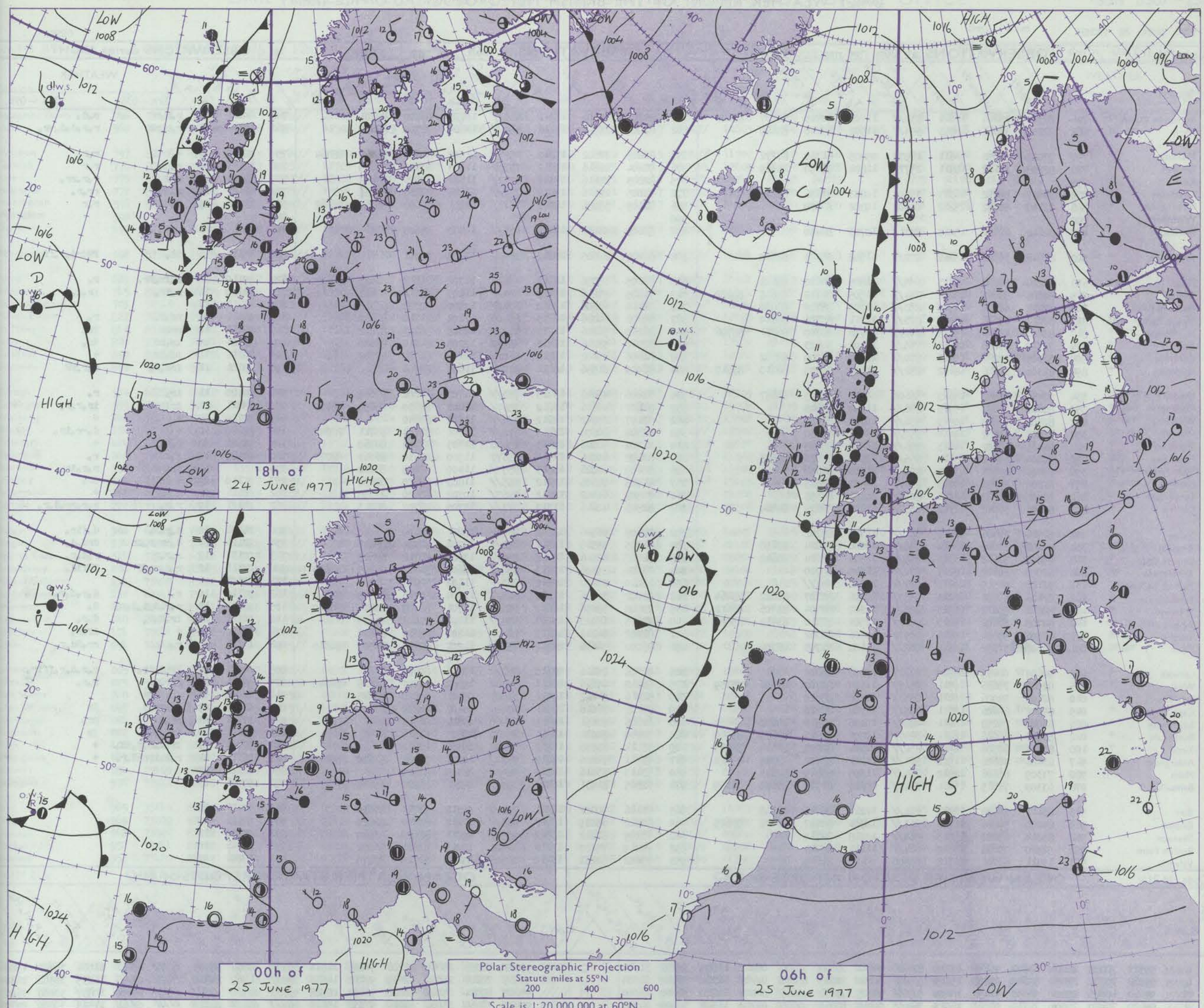
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24181	71507	98022	14710	60952	00715	/////	/////	00009	11099	30201	30105
L	99568	70208	24184	52914	98152	14311	58400	00208	82818	83635	0//07	11203	30403	25805
M	99662	10020	24184	82503	95104	11308	862//	00706	/////	/////	00109	10858	30201	26004
R	99469	70171	24184	82614	97025	16516	854//	00500	88615	/////	0/15	11541	30402	24703

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 25 JUNE 1977

During the past 24 hours a trough with waves, just west of the British Isles moved erractically but slowly east across Scotland, Northern Ireland, Wales and into western parts of England. During the next 24 hours the trough of low pressure over the British Isles will continue to move eastward into the North Sea. A shallow low with associated fronts approaching Biscay will move east into France and a weak ridge will develop over southwest England later.

Code FM 11.V — OBSERVATIONS at 00h. 25 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82304	25216	16211	852//	11703	82705	83707	88640
Hurn	862	82105	30616	16813	854//	11802	84710	88629	
Manston	797	72008	57052	16611	10978	09805	81360	87272	
Gatwick	776	82208	30102	16811	2577/	11804	82650	88360	
Kew	775								
Heathrow	772	72007	50052	16313	35708	10803	83656	87270	
Honington	586	72106	50052	15212	00902	10802	87070		
Wattisham	590								
Gorleston	497	82112	62031	15013	8071/	10703	88450		
Aberporth	502	81911	30506	13812	872//	11502	85703	88710	
Filton	628	82204	56606	15413	855//	11805	84620	88628	
Rhoose	715	82005	58606	15212	854//	11505	81712	85618	88622
Hartland Point	703	82418	62026	14512	853//	11709	86709	88630	
Mount Batten	827	82012	35616	15913	873//	12711	85706	88710	
St. Mawgan	817	82206	45216	15213	870//	12706	82700	86701	88706
Scilly	804	72710	63036	16613	755//	13103	87623		
Culdrose	809	82708	25286	15613	870//	12604	86700	88702	
Guernsey	894	82306	30616	18112	852//	11803	84705	86710	87617
Elmdon	534	52406	57042	14613	55600	09703	81645	85657	
Cardington	559	82410	59052	15513	856//	11604	88648		
Wittering	462	82308	58042	14813	856//	10703	88633		
Watnall	354	82007	45052	14114	857//	09702	88650		
Shawbury	414	82105	56602	14013	856//	11802	88635		
Finningley	360	80000	35216	13614	855//	12000	83620	88635	
Spurn Point	396	82406	64606	13615	856//	11000	88637		
Leeming	257	82202	56042	13013	856//	09803	88645		
Tynemouth	262	82905	61022	12913	8097/	09702	88358		
Carlisle	222	82306	56042	12312	6567/	11708	86638	88464	
Valley	302	81916	20606	13113	861//	11704	88702		
Ringway	334	81602	50046	13814	855//	11000	85624	88650	
Squires Gate	318	80000	56612	13313	855//	12806	85624	88640	
Ronaldsway	204	82010	30602	12212	870//	11809	88700		
Mull of Galloway	131	92110	02515	12411	9////	11202	89///		
Eskdalemuir	162	82106	57052	12012	7537/	10706	83707	86622	88464
Prestwick	135	82612	50612	11813	852//	11302	82704	85706	86612
Abbotsinch	140	82705	56602	11213	854//	12501	82710	83714	85620
Leuchars	171	62506	59051	10113	6097/	10706	86362		
Dyce	091	83107	57052	10312	862//	11102	82703	88704	
Lerwick	005	92603	02435	09809	9////	08803	89/00		
Wick	075	82905	30606	10511	4517/	11604	82702	84656	85359
Sule Skerry	010	82103	58026	10412	855//	10706	88620		
Cape Wrath	049	81907	60606	10711	855//	11704	88620		
Stornoway	026	63010	75258	11611	4847/	10206	81816	84630	86464
Benbecula	022	53013	80016	12411	3847/	10206	81815	83630	85360
Tiree	100	83313	60506	12511	852//	11204	82705	84614	88635
Aldergrove	917	83404	40626	11912	871//	12201	83702	85706	88710
Malin	980	73309	65106	12912	754//	11305	83715	87636	
Belmullet	976	63309	78015	15411	3543/	08213	81718	83640	86359
Birr	965	83111	66038	12813	864//	12214	85713	88718	
Dublin	969	80000	59206	11913	853//	13301	82707	83712	88625
Shannon	962	83214	65022	13913	864//	12218	88710		
Roches Point	952	52920	70038	13512	564//	11211	85714		
Valentia	953	13411	82011	16312	15600	09112	81645		

OBSERVATIONS at 06h. 25 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81805	18206	14911	860//	10703	86700	88701	
Hurn	862	82007	25586	15312	852//	11604	87705	88630	
Manston	797	82208	32602	15812	1577/	11502	81650	86460	88464
Gatwick	776	72204	26216	15812	753//	11603	83706	87645	
Kew	775	82203	25616	15712	3732/	11607	83706	88458	
Heathrow	772	72005	22616	15412	753//	11604	83706	8765[illegible]	
Honington	586	72105	35056	14512	1577/	11801	81656	86360	86462
Wattisham	590								
Gorleston	497	82608	56051	14413	855//	10400	88625		
Aberporth	502	82207	20405	13212	860//	12107	88701		
Filton	628	72105	35056	14212	754//	11702	81712	83625	87638
Rhoose	715	71805	57216	13713	784//	11603	85711	87614	
Hartland Point	703	82310	12206	13612	871//	12805	88702		
Mount Batten	827	62302	60036	14813	65400	12102	81710	86630	
St. Mawgan	817	72710	56216	14713	752//	12302	86703	87612	
Scilly	804	82910	58216	16413	854//	12205	84710	88620	
Culdrose	809	82606	25102	15512	860//	12206	84700	88702	
Guernsey	894	81909	01586	16111	870//	11604	88700		
Elmdon	534	72406	45046	13713	753//	11703	86706	87635	
Cardington	559	82507	30616	14812	7567/	12603	85630	86650	88460
Wittering	462	72107	25042	14212	756//	11502	87640		
Watnall	354	82304	20605	13612	852//	11701	83704	85711	88645
Shawbury	414	41704	50046	12813	25430	11703	81710	84360	
Finningley	360	82108	60016	12914	25677	11500	82630	86363	88272
Spurn Point	396	82609	40026	13513	7557/	11400	87625	88360	
Leeming	257	81505	38606	12112	855//	11803	82620	88650	
Tynemouth	262	72508	61022	11612	3567/	10707	83630	87358	
Carlisle	222	82503	40616	11313	873//	13705	86707	88713	
Valley	302	82108	06506	12312	860//	12601	88700		
Ringway	334	81805	35516	12912	852//	12704	81704	88615	
Squires Gate	318	82007	60016	12213	854//	13803	82712	88625	
Ronaldsway	204	73004	25406	11713	750//	12601	81700	86705	87650
Mull of Galloway	131	83410	57104	12012	863//	11102	88708		
Eskdalemuir	162	82002	56586	11112	853//	11704	84706	86715	88640
Prestwick	135	73208	58056	11613	753//	11701	82708	83624	86640
Abbotsinch	140	72605	62026	10913	754//	11400	82618	86645	
Leuchars	171	81802	61216	10113	854//	11204	86614	88640	
Dyce	091	83004	56636	09812	7537/	11201	82707	83709	86610
Lerwick	005	92708	20616	08310	9////	10606	89/00		
Wick	075	83212	64616	10111	7532/	10302	83707	84715	86640
Sule Skerry	010	52916	81012	10211	32501	09101	83820	85075	
Cape Wrath	049	43208	76016	11011	42601	10102	84830		
Stornoway	026	32606	80151	11911	28460	09201	81818		
Benbecula	022	32709	84031	12811	28430	09303	81816		
Tiree	100	33111	83036	13512	38400	09306	82814		
Aldergrove	917	73511	70026	13212	752//	10307	83705	83620	86645
Malin	980	53113	83016	14312	58430	08308	83819		
Belmullet	976	72805	81031	16112	785//	09206	82820	87640	
Birr	965	73106	70022	15911	754//	09312	83715	87636	
Dublin	969	82912	65035	13712	863//	11212	85707	86620	
Shannon	962	73209	82012	16612	755//	09211	81620	87640	
Roches Point	952	73219	75032	15412	32501	10213	83821	86072	
Valentia	953	73602	82031	17810	12508	09107	81825	87270	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	01111	10	r.r.r	r.d.
Hurn	862	03111	11	r.r.rr	r.r.d.d.-r.
Manston	797	92110	09	+	r.r.
Gatwick	776	92111	09	r.	r.r
Kew	775	01121	10	r.r	r.r.rr.
Heathrow	772	01121	11	r.	rr.r.
Honington	586	01111	09	+	r.r
Wattisham	590				
Gorleston	497				
Aberporth	502	95111	11	id.	FFdrd.r.ff
Filton	628	95110	11	r.ir.rr.	r.
Rhoose	715	94120	11	r.ir.	ir.d.
Hartland Point	703	91111	11		
Mount Batten	827	04111	08	rr.r.	r.
St. Mawgan	817	01111	10	rrdr	ir.
Scilly	804	92121	09	ir.rr	ir.
Culdrose	809	94111	10	id.ff	+
Guernsey	894	03101	11	ird.r.	d.r.FF
Elmdon	534	97120	11	ir.	r.
Cardington	559	95111	11	ir:	ir.r.r.
Wittering	462	00110	09	+	+
Watnall	354	97120	10	+	d.-r.ir.
Shawbury	414	96121	08	r.r.	+
Finningley	360	97120	10	r.r	r.
Spurn Point	396			ir.	r.r.ir.
Leeming	257	91110	09	+	ir.
Tynemouth	262	00111	07	+	+
Carlisle	222	01121	10	r.r.	r.r.rr.d.r.
Valley	302	01121	12	d.r.r.	d.fir.
Ringway	334	92121	11	d.-r.r.dr	drd.d.
Squires Gate	318	02131	12	r.r.r	r.d.r.
Ronaldsway	204	02111	12	r.d.r.ff	FFfid.
Mull of Galloway	131	02101			
Eskdalemuir	162	97110	10	r.	d.r.d.r.
Prestwick	135	97111	12	r.r.d.d.d.r.	d.
Abbotsinch	140	01121	11	ir.d.r.	d.r.
Leuchars	171	97120	09	+	ir.r.
Dyce	091	03111	11	r.	rr.Rd.r.
Lerwick	005	01081	09	FFid.ir.	r.r.d.r.ffir.
Wick	075	05111	10	rrr.r.	r.r.
Sule Skerry	010	92090	08		
Cape Wrath	049	01092	08	ir.ifid	ir
Stornoway	026	97101	03	pr.	pr.
Benbecula	022	92111	07	ir.	jp
Tiree	100	93091	07	ir.d.r.d.id.	+
Aldergrove	917	04111	11	r.r.irrRd.r.	+
Malin	980	06101	10		
Belmullet	976	97091	07		
Birr	965	94111	10		
Dublin	969	97121	10		
Shannon	962	00110	10		
Roches Point	952	04111	10		
Valentia	953	97091	07		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25001	81007	96616	12210	8742/	00611	/////	/////	00010	11055	3//01	30/04
L	99568	70206	25004	82610	97801	15409	884//	00304	84815	88630	0//07	11224	30302	26804
M	99660	10015	25004	90000	91454	10109	9////	00705	/////	/////	00009	10880	30000	26004
R	99470	70170	25004	72710	97022	18015	764//	00110	87710	/////	0//14	11546	30000	24703

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25061	82206	94286	11811	863//	00400	88708	/////	00111	11071	30201	15004
L	99569	70207	25064	72609	97158	14810	784//	61705	84815	87625	0//06	11235	30302	26804
M	99660	10014	25064	90000	92454	08508	9////	00711	/////	/////	05009	10887	30000	26003
R	99470	70169	25064	83211	97032	19114	864//	00107	88710	/////	0//14	11528	30000	24703

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307-2541

42220

Date of Issue SUNDAY 26 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 25 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71606	69032	14615	784//	11603	84814	86640	
Hurn	862	71911	72036	15116	784//	12502	81715	85822	87628
Manston	797	82206	58216	15715	854//	13500	85614	88656	
Gatwick	776	82110	34502	15813	873//	12703	83706	88707	
Kew	775	82105	45056	15614	863//	12802	86708	88712	
Heathrow	772	82006	35216	15313	873//	12804	83708	88710	
Honington	586	82309	58216	14415	6842/	12602	83814	85645	88460
Wattisham	590								
Gorleston	497	82208	56205	14415	855//	12400	88620		
Aberporth	502	83310	15106	15712	871//	12213	88702		
Filton	628	73008	75032	14517	785//	12201	82822	87638	
Rhoose	715	82707	56605	14614	852//	13304	82703	85707	88618
Hartland Point	703	72910	48052	15714	762//	13209	87703		
Mount Batten	827	72705	65216	16116	784//	14207	81712	86630	
St. Mawgan	817	83011	58022	17014	852//	12311	83704	87606	88612
Scilly	804	73114	71021	19014	7843/	12211	83818	86625	
Culdrose	809	83310	50508	17714	852//	12311	82704	85707	88625
Guernsey	894	72712	80036	17315	68332	12209	83809	84650	
Elmdon	534	62209	68012	13218	68500	11706	83822	85640	
Cardington	559	72406	57056	14616	784//	13805	82716	83820	87645
Wittering	462	72111	72012	13717	785//	11806	84824	86650	
Watnall	354	62606	68016	12819	685//	09706	83828	84640	
Shawbury	414	83308	56801	13115	884//	13501	82710	85824	88635
Finningley	360	72806	65028	12617	785//	12602	82822	87650	
Spurn Point	396	82406	56606	13316	866//	12802	88730		
Leeming	257	72511	68016	11917	3857/	11804	82825	87359	
Tynemouth	262	60212	61022	12117	3363/	12102	83930	86358	
Carlisle	222	73206	68036	12017	784//	11801	81712	83820	87650
Valley	302	63415	75016	15215	38432	10214	82815	83359	86070
Ringway	334	72506	70025	12818	785//	10702	84824	87640	
Squires Gate	318	73311	60206	13315	5723/	13203	85705	87360	
Ronaldsway	204	73213	82025	14315	48402	06208	81818	84656	86075
Mull of Galloway	131	73418	85022	14115	28501	08207	81825	87075	
Eskdalemuir	162	62911	75016	11716	685//	10400	84828	83650	
Prestwick	135	23117	89021	13416	18642	08302	81830		
Abbotsinch	140	22912	88011	12117	18501	04603	81828		
Leuchars	171	73611	82026	10916	784//	11202	81712	84820	86645
Dyce	091	73312	82026	11314	785//	08208	85820	84645	
Lerwick	005	82713	75036	08410	882//	10801	82704	84710	88625
Wick	075	53213	88026	10815	42432	09101	84818		
Sule Skerry	010	42912	81011	11313	42500	09103	84820		
Cape Wrath	049	63208	80016	11913	4257/	10205	84820	86360	
Stornoway	026	73011	82028	12514	785//	07302	84822	83632	86640
Benbecula	022	72811	87031	13814	785//	07305	81825	87640	
Tiree	100	73013	86251	14412	6846/	11305	81712	83816	85628
Aldergrove	917	73208	88022	15014	685/2	07208	82822	86640	
Malin	980	73110	89022	15613	785//	09206	82820	87650	
Belmullet	976	72812	82018	17414	38532	08305	81821	84359	
Birr	965	73110	83012	17215	685/2	08303	85821	83636	
Dublin	969	73009	82026	15415	58538	09104	84828	83642	85359
Shannon	962	73007	89022	18416	585/8	08308	85828	87270	
Roches Point	952	73011	82022	17815	684/2	08207	85818	87070	
Valentia	953	73120	86012	19814	32532	09212	83825	85362	86070

OBSERVATIONS at 18h. 25 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72808	80028	13817	38532	13705	82820	86075	
Hurn	862	72708	70802	14317	6847/	14603	81714	83820	86645
Manston	797	72512	60022	14215	754//	11707	83612	87616	
Gatwick	776	72209	64025	14415	18538	12609	81820	87275	
Kew	775	72306	60021	14016	11571	11710	81820	86075	
Heathrow	772	72207	64021	13617	58532	12711	81820	85650	
Honington	586	42111	65031	12717	22602	11607	82830	83080	
Wattisham	590								
Gorleston	497	82110	60028	12817	8097/	12710	88359		
Aberporth	502	73105	70012	16812	7537/	11001	81706	84625	87645
Filton	628	73110	70016	14317	6547/	11501	81615	84630	86360
Rhoose	715	73112	70026	15116	11532	11308	81822	83362	87070
Hartland Point	703	73006	66022	17113	5533/	12104	82706	85635	87360
Mount Batten	827	73309	65018	16915	28532	12108	81825	85364	
St. Mawgan	817	73011	80016	18113	752//	11104	82705	83708	87625
Scilly	804	33213	75011	19715	18432	12102	81818		
Culdrose	809	83313	60055	18013	883//	12002	82709	83815	88625
Guernsey	894	72613	70022	17313	76232	12501	87703		
Elmdon	534	83411	60638	14013	853//	12309	81706	83708	88632
Cardington	559	72609	62028	13117	38632	14704	81830	83650	
Wittering	462	72809	65252	12717	78632	13503	83830	84650	
Watnall	354	73008	60218	13215	784//	12307	81818	83640	86656
Shawbury	414	73313	81018	14615	48538	09207	81820	84650	87275
Finningley	360	72814	70018	12218	4858/	11302	82825	83656	87360
Spurn Point	396	80612	35606	12414	5549/	13504	81710	85620	88360
Leeming	257	70000	65216	12116	786//	13103	84830	87656	
Tynemouth	262	80507	48618	13512	856//	11206	88630		
Carlisle	222	73310	88022	12617	58606	08305	81830	84645	87275
Valley	302	72707	82022	16114	38408	10201	81815	83650	87270
Ringway	334	73013	89018	14016	18582	04106	81822	84359	86075
Squires Gate	318	72915	82022	14415	18532	09201	81820	87072	
Ronaldsway	204	73309	89022	15413	48456	07104	81818	84650	87073
Mull of Galloway	131	63423	82022	15113	24502	07204	81825	86075	
Eskdalemuir	162	72914	83032	12414	38636	07302	81830	83650	87272
Prestwick	135	73118	86021	14015	48632	07202	81830	83656	85075
Abbotsinch	140	72915	86021	12916	28502	07204	81825	87080	
Leuchars	171	71408	68258	12313	68432	10500	83818	85650	
Dyce	091	73407	84152	12115	78502	08305	85822	85656	
Lerwick	005	63017	70012	08811	684//	08400	84815	83630	
Wick	075	73215	88022	11813	58531	07301	82820	85650	
Sule Skerry	010	42916	82011	12213	22501	08103	82820	84075	
Cape Wrath	049	62710	84032	12411	2253/	10202	82820	86360	
Stornoway	026	73211	84038	13813	38532	07207	83824	85075	
Benbecula	022	72912	89032	14913	785//	09303	81826	87656	
Tiree	100	73113	89012	15413	38536	09304	81822	83657	85360
Aldergrove	917	73410	86808	16013	785//	07003	82822	87656	
Malin	980	73014	89032	16313	6853/	07501	82820	86648	
Belmullet	976	73014	84032	18614	735//	08305	83821	81921	86645
Birr	965	72809	82022	17714	785//	10702	85820	87636	
Dublin	969	72811	86012	16315	4853/	08002	81825	84650	87360
Shannon	962	72915	88018	18915	785//	09000	83828	85645	
Roches Point	952	72915	82022	18815	784/2	08302	81818	87640	
Valentia	953	52911	86018	20715	42530	11305	84822		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97171	012	r.	pr.
Hurn	862	94171	016	+	pr.pr
Manston	797	97170	013	r.	+
Gatwick	776	97160	003	d.d.	+
Kew	775	91170	016	d.dr.	+
Heathrow	772	91170	012	d.r.d.r.	+
Honington	586	91190	029	r.r.	+
Wattisham	590				
Gorleston	497		000		
Aberporth	502	92131	003	d.r.ff	+
Filton	628	97180	015	r.	r.
Rhoose	715	91180	013	id.ir.	+
Hartland Point	703	00150	005		
Mount Batten	827	97181	034	r.	pr.
St. Mawgan	817	97141	006	r.	+
Scilly	804	00150	048	+	+
Culdrose	809	97151	014	id.d.d.	+
Guernsey	894	00151	047	+	+
Elmdon	534	03191	026	pr.r.	r.rrir.
Cardington	559	03191	023	id.pr.	pr.pR
Wittering	462	01191	022	+	pr.pr
Watnall	354	97210	037	+	pr.-r.
Shawbury	414	02171	026	pr.r.r	+
Finningley	360	97200	013	pr.	pr.
Spurn Point	396			ir.	ir.r.r.ir
Leeming	257	03201	012	+	r.prpr.
Tynemouth	262	01171	009	pr	r.r.
Carlisle	222	00190	024	+	+
Valley	302	97161	019	d.	+
Ringway	334	97180	016	r.pr.	pr.
Squires Gate	318	97171	038	d.r.id.f	+
Ronaldsway	204	00160	051	+	jp
Mull of Galloway	131	00150			
Eskdalemuir	162	00180	043	+	+
Prestwick	135	00170	089	+	+
Abbotsinch	140	00180	078	+	+
Leuchars	171	03171	007	pr.	pr.pr
Dyce	091	01171	031	[redacted] drr.	pr.pr
Lerwick	005	97121	007	ir.	+
Wick	075	00151	059	+	+
Sule Skerry	010	00140			
Cape Wrath	049	97131	063	ir.	+
Stornoway	026	97150	053	pr.	+
Benbecula	022	00151	057	+	+
Tiree	100	92150	068	pr.	+
Aldergrove	917	97150	008	pr.	pr.
Malin	980	0015	041		
Belmullet	976	9715	037		
Birr	965	0016	012		
Dublin	969	9716	011		
Shannon	962	9717	017		
Roches Point	952	0016	046		
Valentia	953	9116	032		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

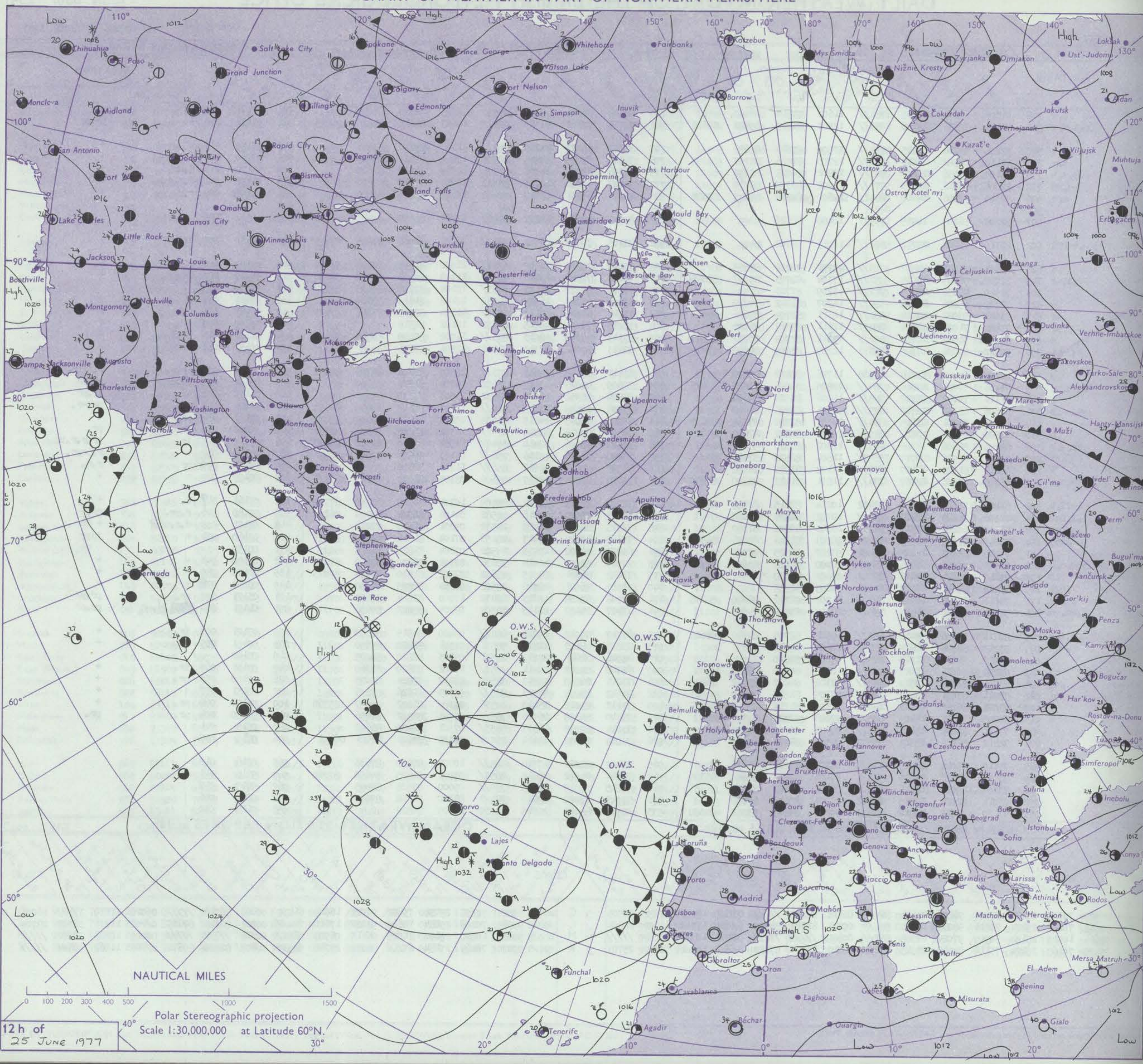
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25121	82604	96106	14511	864//	00112	88710	/////	00111	11093	3////	30903
L	99568	70207	25124	82811	98038	16411	884//	00311	82815	88625	0//05	11212	30303	28804
M	99661	10013	25124	80909	97024	07908	862//	00601	/////	/////	05107	10883	30201	/////
R	99470	70168	25124	73116	97015	22015	752//	00213	83705	87620	0//14	11541	30703	25703

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70356	25181	73402	97022	16011	66430	00108	86712	/////	05010	11119	3////	16003
L	99568	70206	25184	72615	98022	17611	784//	00207	82815	87625	0//06	11233	30303	28704
M	99661	10010	25184	81005	96615	06508	5622/	00710	/////	/////	00009	10868	30201	/////
R	99470	70168	25184	63210	98032	23716	58530	00107	82820	85640	0//14	11562	30804	/////

times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SUNDAY 26 JUNE 1977

A shallow depression east of Iceland has tended to transfer into Scandinavia. Weak Atlantic lows to the southwest of the British Isles have drifted southeastwards and filled. A belt of high pressure from the Azores to the western Mediterranean has been largely undisturbed. During the next 24 hours a weak low pressure area will move southeast into Biscay with a complex low pressure over Scandinavia. A rather weak northwesterly airstream will cover the British Ises. A depression will move southeast out of Greenland towards south Iceland.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V

OBSERVATIONS at 00h. 26 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72906	66022	16713	756//	11215	87630		
Hurn	862	73104	62038	16713	756//	11215	87642		
Manston	797	72208	56102	14111	25672	10702	82640	84360	86072
Gatwick	776	83410	59042	15114	854//	11207	81712	88617	
Kew	775								
Heathrow	772	83108	58058	15513	856//	11215	82630	88657	
Honington	586	82710	59021	13714	855//	11104	83628	88636	
Wattisham	590								
Gorleston	497	82205	60022	13213	857//	11400	88656		
Aberporth	502	83011	80022	18911	885//	11209	81825	88656	
Filton	628	73107	75012	17613	755//	08216	81628	87656	
Rhoose	715	32803	81021	18009	10931	08216	81360	83075	
Hartland Point	703	33204	85011	19212	25730	11112	82650		
Mount Batten	827	43204	80011	19512	28532	10214	82822		
St. Mawgan	817	23110	80031	19912	25400	11111	81710		
Scilly	804	03113	82020	22013	00900	12213			
Culdrose	809	03109	80011	20511	00900	10112			
Guernsey	894	72911	58102	19012	752//	11209	82703	84705	86627
Elmdon	534	73211	80026	16411	15732	07213	81650	87075	
Cardington	559	83107	64608	15612	5853/	11212	81820	85635	87359
Wittering	462	82914	80218	14812	856//	07110	88638		
Watnall	354	52705	70012	15310	15638	07007	81640	84070	
Shawbury	414	72908	80022	16710	25608	08210	82630	87272	
Finningley	360	72911	77032	14113	7564/	08109	87633		
Spurn Point	396	80207	56026	14412	855//	12211	88620		
Leeming	257	83104	20108	14812	856//	11114	88630		
Tynemouth	262	80000	66026	15211	856//	11210	88635		
Carlisle	222	72906	84022	15212	656/2	08212	86640		
Valley	302	73105	81026	18112	754//	09212	81615	87650	
Ringway	334	72807	75022	16412	35702	08311	83650	87070	
Squires Gate	318	63214	81012	16512	28432	09213	81817	84072	
Ronaldsway	204	53004	84012	17610	15631	08211	81630	83360	85075
Mull of Galloway	131	73418	83022	17310	3853/	08313	81825	83630	85360
Eskdalemuir	162	62915	84012	14709	25602	05210	82640	86072	
Prestwick	135	53214	84012	16310	28432	07311	81816	85075	
Abbotsinch	140	62506	84012	15408	18532	06213	81820	86075	
Leuchars	171	80000	65618	14811	853//	10214	82706	83618	88630
Dyce	091	73005	82258	14610	784//	09311	81710	85824	86650
Lerwick	005	53015	65021	10409	15431	08209	81615	83360	
Wick	075	62707	84032	13907	28442	05209	81818	86075	
Sule Skerry	010	73214	81021	13511	785//	08206	84820	87625	
Cape Wrath	049	72714	84022	14310	22531	09211	82820	84360	87070
Stornoway	026	72506	84251	15409	785//	09206	81824	87645	
Benbecula	022	72716	87022	16211	785//	09206	81825	87656	
Tiree	100	73109	89012	17211	784//	08209	82818	87650	
Aldergrove	917	73208	84028	18411	785//	08212	81820	84630	86656
Malin	980	73010	86022	18012	785//	08209	82820	87650	
Belmullet	976	72705	83018	20511	735//	10209	82920	87645	
Birr	965	72807	80022	20811	756//	08119	87632		
Dublin	969	72806	83038	19310	756//	07217	81635	87650	
Shannon	962	72909	82022	21412	756//	09112	87645		
Roches Point	952	72707	81032	21811	757//	09213	87650		
Valentia	953	50000	82012	22612	58400	11109	81712	83650	

OBSERVATIONS at 06h. 26 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	73005	80031	19311	65741	09216	86650		
Hurn	862	63108	81031	19512	68500	10215	81820	86640	
Manston	797	63010	66016	16211	15541	09212	81622	83360	85075
Gatwick	776	53111	80031	17912	15742	08215	81650	83075	
Kew	775	53309	82021	18012	15642	07210	81630	83072	
Heathrow	772	33010	75031	18012	15782	08212	81650	83075	
Honington	586	82811	45606	15710	4562/	09310	84630	88459	
Wattisham	590								
Gorleston	497	83509	16102	14813	864//	12213	88710		
Aberporth	502	43314	80011	21211	28530	09213	81823	83359	
Filton	628	53105	75011	19812	48401	09213	81818	83657	
Rhoose	715	63107	82031	19712	4843/	10312	81812	84650	
Hartland Point	703	33108	85011	21512	12540	10213	81820	83360	
Mount Batten	827	22803	82031	21711	28500	10213	81820		
St. Mawgan	817	63110	82031	22212	623//	10212	83709	85812	
Scilly	804	23311	82020	24112	22500	12211	82820		
Culdrose	809	23311	75030	22611	28500	11211	81822		
Guernsey	894	33008	81011	21512	35600	11216	83640		
Elmdon	534	33212	81011	18611	28431	08213	81818		
Cardington	559	63209	65016	17711	45632	10314	81635	83650	
Wittering	462	73113	75031	17211	785/2	08317	81825	87645	
Watnall	354	22910	70011	17711	11472	08314	81810		
Shawbury	414	63110	81018	19011	68500	09313	81826	86650	
Finningley	360	72909	67022	16712	15702	08213	81650	87075	
Spurn Point	396	80405	40616	16311	864//	11312	88712		
Leeming	257	73009	86022	16811	48542	07212	81825	84645	87075
Tynemouth	262	72908	69022	17011	7097/	08315	87358		
Carlisle	222	62805	82032	17309	684/2	08212	81816	86635	
Valley	302	73209	84022	20512	784//	09212	81815	87650	
Ringway	334	72708	75031	18311	784/1	09211	81818	87650	
Squires Gate	318	63113	83012	18612	38431	09212	83817	83360	
Ronaldsway	204	73107	84011	19611	5843/	08212	81713	85656	85360
Mull of Galloway	131	73314	82031	19111	785//	09210	81820	87635	
Eskdalemuir	162	30000	83011	17708	38500	06315	81820	83635	
Prestwick	135	13307	84021	18610	18431	08313	81816		
Abbotsinch	140	12603	84011	17710	18502	07212	81822		
Leuchars	171	72407	82026	16611	784//	09209	81812	87640	
Dyce	091	72507	86028	15711	756/2	07307	87645		
Lerwick	005	73010	80031	11910	784/2	08210	86815		
Wick	075	72809	82031	14511	38432	09205	83815	85359	85075
Sule Skerry	010	72610	82038	13811	32571	08101	82820	84360	87075
Cape Wrath	049	72712	82806	14110	48492	10803	82815	84620	86360
Stornoway	026	72609	80808	15310	785//	09502	84820	85640	
Benbecula	022	62412	85032	16112	38402	09603	81818	83635	86070
Tiree	100	62608	84018	17811	684//	09000	81710	83820	85650
Aldergrove	917	73007	84022	20011	784//	08107	81712	87645	
Malin	980	72813	88022	19113	785//	08303	83820	87650	
Belmullet	976	72405	83032	21412	785//	10204	81820	87644	
Birr	965	72905	81022	22411	756//	09306	87630		
Dublin	969	72807	84022	21111	757//	09309	87650		
Shannon	962	42905	82031	23112	38440	10310	81710	83630	
Roches Point	952	12709	81021	23412	18400	10309	81818		
Valentia	953	12904	82021	23813	15400	11307	81715		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00080	03	+	+
Hurn	862	00091	07	+	+
Manston	797	01100	08	r.r	rr.
Gatwick	776	00100	07	+	+
Kew	775	91110	07	pr.	+
Heathrow	772	92100	05	pr.r.	+
Honington	586	96091	09	ir.r.	r.rir.
Wattisham	590				
Gorleston	497				
Aberporth	502	00111	10	+	+
Filton	628	00110	07	+	+
Rhoose	715	00080	04	+	+
Hartland Point	703	00120	10		
Mount Batten	827	97091	05	+	+
St. Mawgan	817	00111	09	+	+
Scilly	804	00110	08	+	+
Culdrose	809	00091	08	+	+
Guernsey	894	00111	10	+	+
Elmdon	534	00091	08	+	+
Cardington	559	91081	05	pr.ir.	+
Wittering	462	97100	08	pr.r.	+
Watnall	354	00100	08	+	+
Shawbury	414	97090	06	+	pr.
Finningley	360	00110	09	+	+
Spurn Point	396			+	ir.r.r.
Leeming	257	00090	07	+	+
Tynemouth	262	00101	09	+	+
Carlisle	222	00080	04	+	+
Valley	302	97121	10	ir.	+
Ringway	334	00100	08	+	+
Squires Gate	318	00120	10	+	+
Ronaldsway	204	00100	08	+	+
Mull of Galloway	131	00090			
Eskdalemuir	162	00070	03	+	+
Prestwick	135	00090	05	+	+
Abbotsinch	140	94081	06	+	pr.
Leuchars	171	03091	09	pr.prr.r.	r.
Dyce	091	97091	06	pr.	pr.
Lerwick	005	00081	06	+	+
Wick	075	97061	01	+	pr.
Sule Skerry	010	01081	08		
Cape Wrath	049	01081	07	r.r.	pr.
Stornoway	026	97091	05	pr.	pr.
Benbecula	022	00100	09	+	+
Tiree	100	91100	08	jp	pr.
Aldergrove	917	00100	09	+	+
Malin	980	97111	10		
Belmullet	976	91111	09		
Birr	965	00091	07		
Dublin	969	97100	08		
Shannon	962	97100	06		
Roches Point	952	00100	08		
Valentia	953	97101	06		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	26001	80208	97205	19509	863//	00223	88708	/////	05209	11097	3//02	18/04
L	99568	70205	26004	82813	98022	18411	884//	00108	83815	88628	0//06	11224	30303	28704
M	99661	10008	26004	90902	94106	05108	9////	00707	/////	/////	00009	10878	30000	/////
R	99471	70170	26004	81602	97505	25515	874//	00110	88710	/////	0//14	11550	30000	32804

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	26061	83507	97616	21109	8732/	00111	87708	/////	05409	11091	30201	18004
L	99568	70204	26064	72912	98012	18810	784//	00104	83810	87628	0//06	11198	30302	28704
M	99662	10006	26064	81114	96025	04008	862//	00603	/////	/////	05108	10881	30302	/////
R	99471	70169	26064	81508	97515	25815	874//	00502	88710	/////	0//14	11551	30000	32804

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O, Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42221

Date of Issue MONDAY 27 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 26 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	53309	84011	21317	58500	08210	82828	84650	
Hurn	862	63015	81011	21717	64600	07207	81830	86645	
Manston	797	73212	84022	18817	784//	11213	81818	83635	86650
Gatwick	776	73111	84031	20316	786//	07311	82835	87650	
Kew	775	73213	81021	20716	786//	04212	81835	87650	
Heathrow	772	73112	82021	20617	746//	06214	82835	86645	
Honington	586	60108	70016	18915	58530	11215	83820	83650	
Wattisham	590								
Gorleston	497	83614	66022	18513	855//	11215	88625		
Aberporth	502	13210	86021	24114	18500	11211	81825		
Filton	628	63312	89021	21817	68600	07208	81830	86645	
Rhoose	715	52714	82011	22216	58540	10207	82822	84635	
Hartland Point	703	13209	86011	24313	12540	09110	81825		
Mount Batten	827	63311	89011	24316	64600	08211	82830	85640	
St. Mawgan	817	33113	89021	25214	38500	09211	83820		
Scilly	804	52703	80011	26815	58500	13209	83820	83625	
Culdrose	809	43113	83031	25415	48500	09212	84825		
Guernsey	894	32812	80030	24315	38400	12213	83810		
Elmdon	534	73215	86021	20715	786//	04210	82832	87645	
Cardington	559	73211	75021	20116	786//	10212	82830	87645	
Wittering	462	73311	86021	19416	746//	07209	83830	87645	
Watnall	354	73111	82031	19716	786//	06209	83835	84650	
Shawbury	414	73113	84022	21415	785//	07209	83828	87650	
Finningley	360	73408	81031	19017	786//	08208	82830	87645	
Spurn Point	396	83405	56616	19511	864//	10215	88710		
Leeming	257	73503	86022	19015	785//	09306	84822	86645	
Tynemouth	262	60907	81022	19213	4363/	09105	84930		
Carlisle	222	73008	89022	19216	786//	06303	83835	86650	
Valley	302	72812	84022	22916	786//	05209	83830	87650	
Ringway	334	32816	81011	20516	38600	04210	81835	83650	
Squires Gate	318	42813	84031	21214	38530	10210	82820		
Ronaldsway	204	72609	86022	21615	785//	08206	82826	87650	
Mull of Galloway	131	72910	86022	21113	785//	09205	81820	87630	
Eskdalemuir	162	72912	84021	18913	785//	05206	85825	87645	
Prestwick	135	62815	86018	19417	684//	10400	81816	83822	85656
Abbotsinch	140	72712	80808	18713	785//	08301	83826	87640	
Leuchars	171	72610	86012	16816	58602	06605	82835	84650	86075
Dyce	091	72907	70802	15715	64608	07602	84835	83656	87275
Lerwick	005	72615	82022	12312	48432	09400	82815	85362	
Wick	075	73013	70158	14015	68432	07605	84818	83640	87072
Sule Skerry	010	62912	81028	13912	685//	10301	82820	86625	
Cape Wrath	049	82714	84038	14211	4857/	10101	83820	84625	88460
Stornoway	026	82714	70802	15313	883//	10203	81709	83820	88645
Benbecula	022	72415	83258	16314	38402	09400	81816	83640	86070
Tiree	100	72715	80158	18514	6343/	08102	81912	86645	
Aldergrove	917	7281[illegible]	86022	21116	785//	07204	81825	87645	
Malin	980	62617	84018	20315	585/2	09103	81820	85648	
Belmullet	976	72217	82038	22315	735//	10502	83820	81920	87642
Birr	965	62608	83021	23716	685//	08205	85822	84636	
Dublin	969	72709	89022	22316	785//	06303	85828	85640	
Shannon	962	62812	86031	24218	686//	08104	83830	85645	
Roches Point	952	71912	80031	24615	724//	11303	87818		
Valentia	953	72508	82011	25316	785//	13005	83820	87645	

OBSERVATIONS at 18h. 26 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	63007	84022	22316	646//	07304	81830	85635	
Hurn	862	33013	82011	22917	38600	07204	81835		
Manston	797	53006	82012	20916	58600	09209	81835	85650	
Gatwick	776	63209	83022	21917	58602	06207	81840	85650	
Kew	775	63108	81022	22217	48601	05209	81835	84656	
Heathrow	772	63211	82012	22117	44601	07209	81838	83650	
Honington	586	73111	78032	20516	78632	08308	83835	86656	
Wattisham	590								
Gorleston	497	60208	66022	20413	6097/	11207	86360		
Aberporth	502	12711	86021	24015	11602	07804	81830		
Filton	628	23308	89021	22917	24600	07104	81835		
Rhoose	715	12813	86011	23215	18500	09103	81825		
Hartland Point	703	13510	86020	25013	12541	09705	81820		
Mount Batten	827	23510	89011	24916	25601	07000	82630		
St. Mawgan	817	23110	89010	25514	21501	10802	82820		
Scilly	804	13009	82011	27216	11500	12202	81820		
Culdrose	809	33012	75021	25715	31500	10702	83820		
Guernsey	894	12812	84020	25214	00902	09302	81075		
Elmdon	534	63312	86022	22015	64601	04304	83835	85645	
Cardington	559	23110	75011	21716	28602	08207	81830		
Wittering	462	23016	83011	21216	11602	06207	81835		
Watnall	354	52810	83021	21615	58600	05208	81840	83650	
Shawbury	414	63009	84032	22015	686//	08801	82830	83640	85650
Finningley	360	32914	84011	20416	38600	06207	81835	83650	
Spurn Point	396	71406	62026	20613	1257/	11305	81825	87359	
Leeming	257	72711	89022	19815	786//	06104	81840	87650	
Tynemouth	262	72511	81022	18916	3353/	07603	83925	87358	
Carlisle	222	62711	83012	19415	5843/	09303	81715	83635	85645
Valley	302	32216	85011	22815	38600	10706	81835	83656	
Ringway	334	62912	86011	21815	68600	05102	81835	86650	
Squires Gate	318	72614	84021	21714	785//	10701	82825	87650	
Ronaldsway	204	72411	86032	21414	785//	10501	81826	87645	
Mull of Galloway	131	73609	86022	20914	5853/	09604	81825	85630	87360
Eskdalemuir	162	72615	84022	19113	786//	06303	85830	86650	
Prestwick	135	62918	82022	19814	685//	09703	81822	83635	85650
Abbotsinch	140	72812	82028	18615	6853/	08602	83826	85656	
Leuchars	171	52519	86151	16316	48630	06503	83830		
Dyce	091	72905	70278	15413	58532	10801	82825	84640	85075
Lerwick	005	72711	82022	12211	22452	09501	82815	85362	
Wick	075	73010	75258	14112	4847/	09602	83816	83640	86362
Sule Skerry	010	62912	81018	14012	684//	10801	82815	86625	
Cape Wrath	049	72714	80808	14310	785//	09400	84820	87625	
Stornoway	026	72914	75808	15412	784//	10303	85818	87640	
Benbecula	022	52514	84018	16913	48460	09201	82818	83640	
Tiree	100	72615	80258	18413	784//	10705	81712	83817	86647
Aldergrove	917	72907	65808	20615	785//	09705	82826	84834	87642
Malin	980	72513	81808	19713	785//	10608	82820	87646	
Belmullet	976	82217	30588	20713	863//	13711	86706	88711	
Birr	965	72610	82022	22816	756//	11804	87636		
Dublin	969	72710	88022	21517	6853/	09707	83828	85640	
Shannon	962	72515	89022	23416	785//	10707	82828	87656	
Roches Point	952	72509	83022	24018	784//	13602	81818	87642	
Valentia	953	62310	81012	24815	58402	13708	81712	84818	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00180	094	+	+
Hurn	862	00191	110	+	+
Manston	797	00180	074	+	+
Gatwick	776	00180	102	+	+
Kew	775	00180	097	+	+
Heathrow	772	00180	097	+	+
Honington	586	97170	009	r.	+
Wattisham	590				
Gorleston	497		003		
Aberporth	502	00151	134	+	+
Filton	628	00180	114	+	+
Rhoose	715	00170	113	+	+
Hartland Point	703	00140	135		
Mount Batten	827	00170	129	+	+
St. Mawgan	817	00161	122	+	+
Scilly	804	00160	132	+	+
Culdrose	809	00170	142	+	+
Guernsey	894	00161	146	+	+
Elmdon	534	00170	086	+	+
Cardington	559	00180	093	+	+
Wittering	462	00180	095	+	+
Watnall	354	00170	082	+	+
Shawbury	414	00170	027	+	+
Finningley	360	00180	100	+	+
Spurn Point	396			r.r.1r.	+
Leeming	257	00170	014	+	+
Tynemouth	262	00160	034	+	+
Carlisle	222	00160	034	+	+
Valley	302	00161	073	+	+
Ringway	334	00170	092	+	+
Squires Gate	318	00160	062	+	+
Ronaldsway	204	00160	027	+	+
Mull of Galloway	131	97161			
Eskdalemuir	162	00160	052	+	+
Prestwick	135	97170	053	pr.	+
Abbotsinch	140	92160	063	pr.	pr.
Leuchars	171	00170	082	+	jp
Dyce	091	03161	040	pr.	ph.r.
Lerwick	005	97131	059	+	pr.
Wick	075	01151	025	pr.	pr.
Sule Skerry	010	02141			
Cape Wrath	049	93121	012	pr.	pr.
Stornoway	026	91141	033	pr.	pr.
Benbecula	022	94161	090	pr.	pr.
Tiree	100	93161	044	pr.pr	pr.
Aldergrove	917	01171	014	pr.	pr.d.r.d.
Malin	980	9716	010		
Belmullet	976	0116	017		
Birr	965	0018	043		
Dublin	969	0018	026		
Shannon	962	0019	064		
Roches Point	952	0019	071		
Valentia	953	0016	036		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

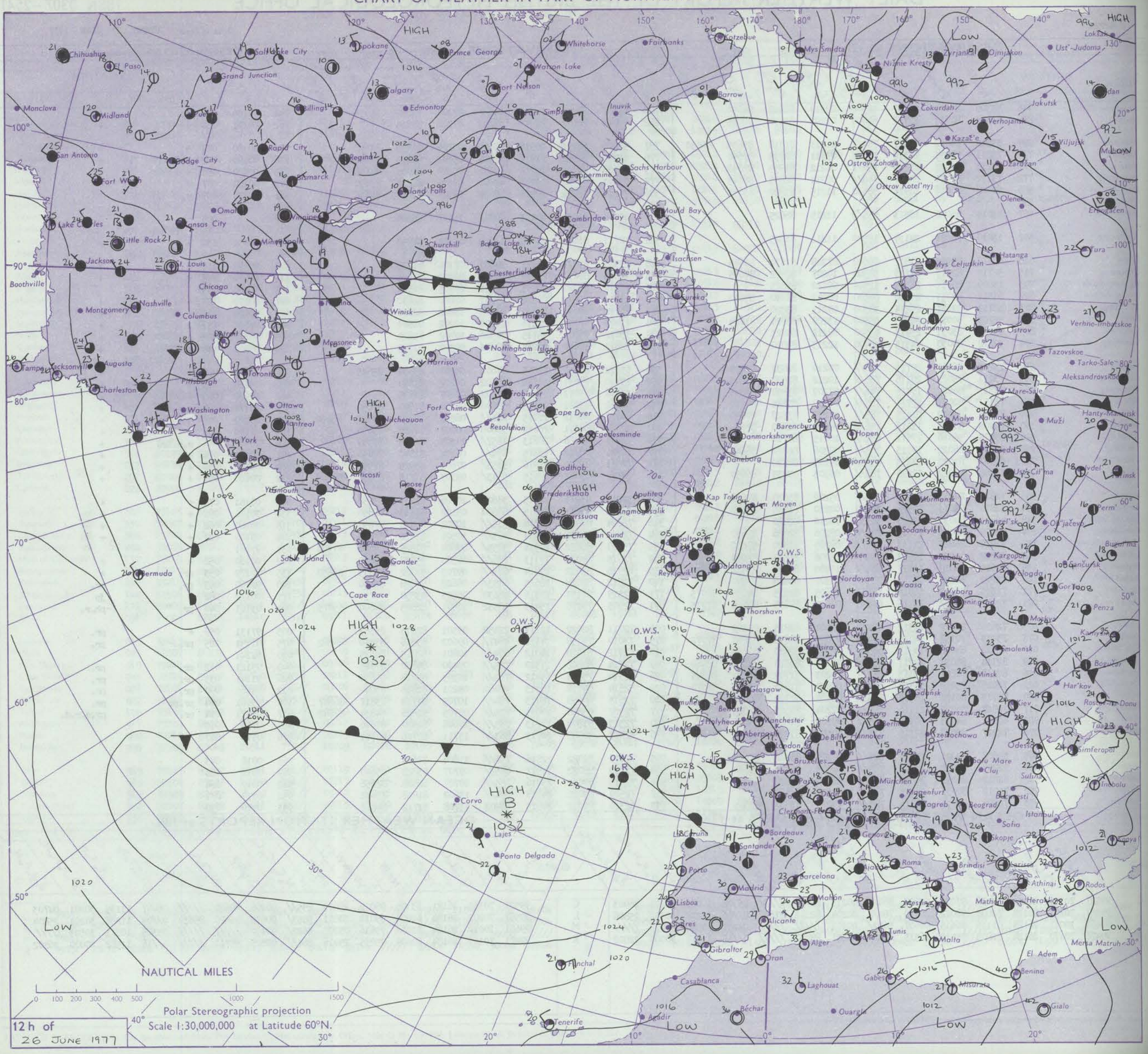
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	26121	83406	97026	23909	864//	00213	88716	/////	05308	11081	30201	36903
L	99567	70203	26124	72608	98022	20210	784//	00204	82812	87628	0//06	11227	30302	25806
M	99661	10011	26124	81116	96615	04607	5622/	00203	/////	/////	05207	10886	30403	/////
R	99470	70170	26124	81809	95515	26515	864//	00601	88710	/////	0//15	11557	30000	22802

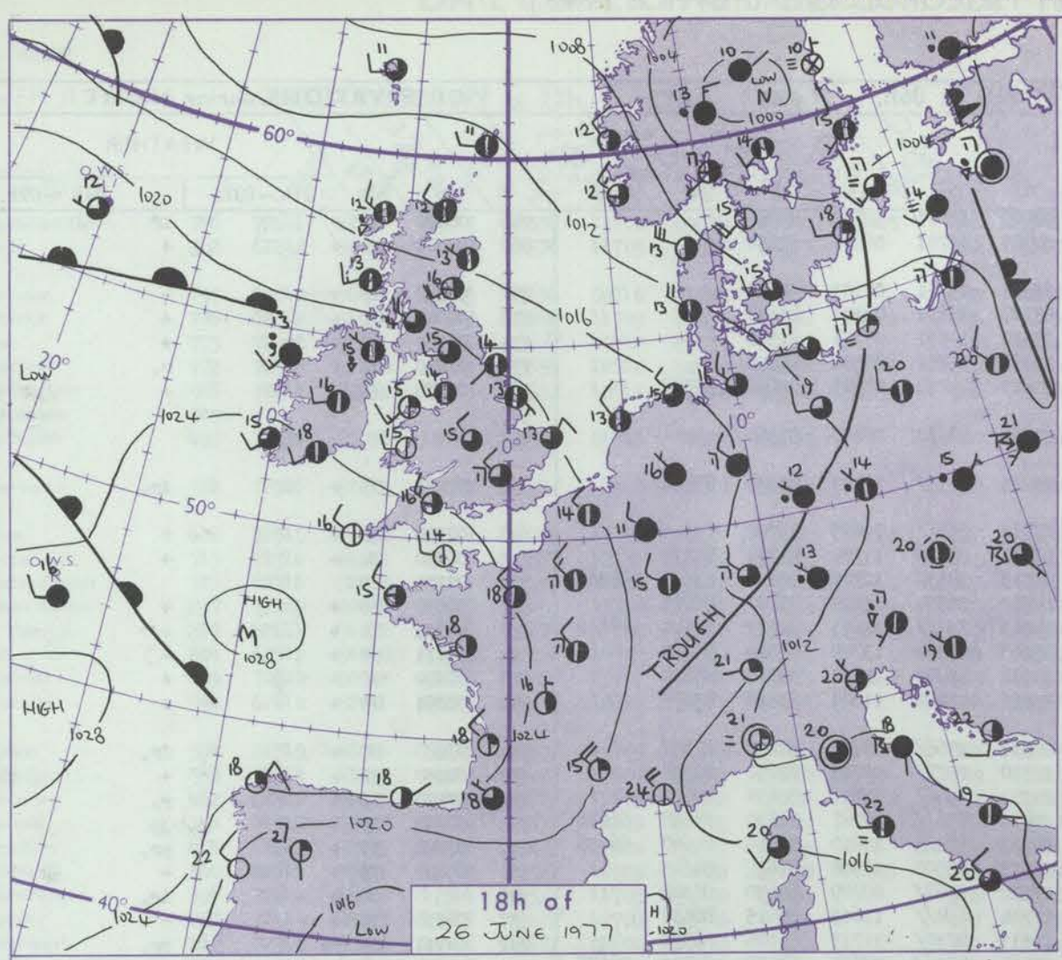
OCEAN WEATHER STATION REPORTS at 18h.

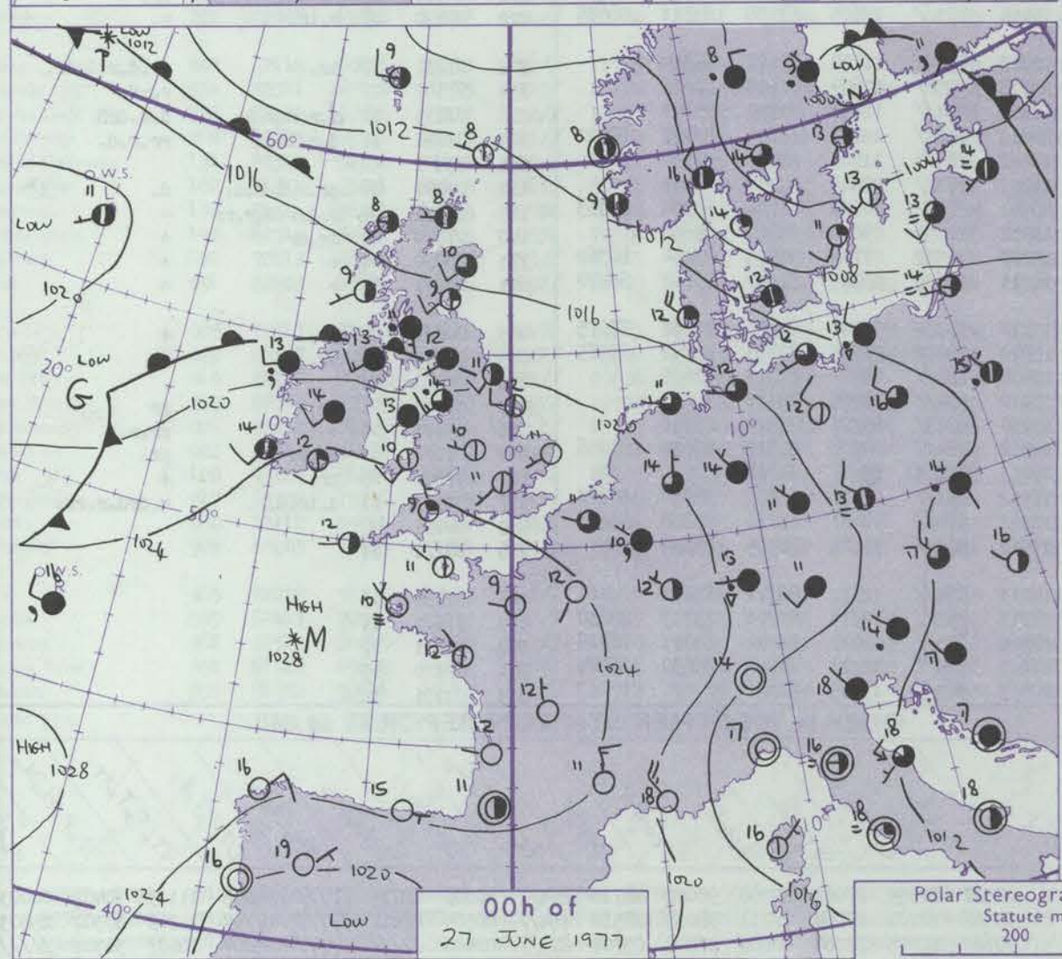
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	26181	83105	98022	25809	855//	00206	88620	/////	05407	11135	30201	04703
L	99567	70202	26184	62804	99012	20811	5853/	00602	81820	85630	0//05	11288	30201	25804
M	99661	10010	26184	81012	95616	05207	5622/	00102	/////	/////	05305	10873	30503	/////
R	99471	70169	26184	82609	95035	25916	864//	00805	88710	/////	0//16	11582	30000	26802

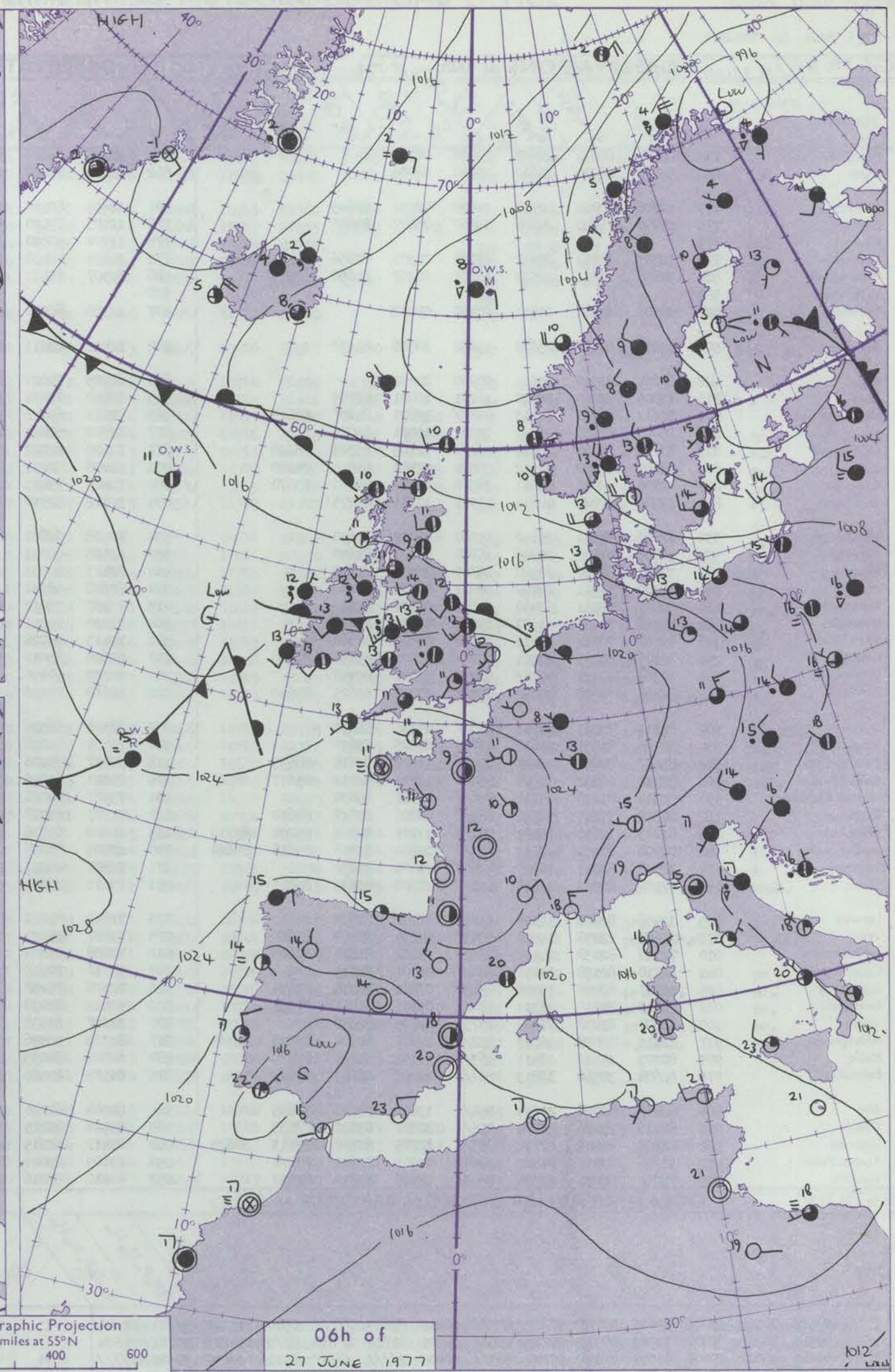
Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 27 JUNE 1977

During the past 24 hours a weak ridge of high pressure over the British Isles moved slowly south into Northern France and a warm front moved eastwards over Northern Ireland and into northern England and southern Scotland. During the next 24 hours the warm front over northern districts is expected to weaken and move slowly north becoming almost stationary over northern Scotland. At the same time a low to the west of Ireland is expected to move into the North Sea and fill whilst its associated frontal system eastwards over southern districts.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — **OBSERVATIONS at 00h.** 27 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	02804	80011	24608	00900	07107			
Hurn	862	03006	80020	24610	00900	08006			
Manston	797	22906	80021	22712	25600	08107	82645		
Gatwick	776	10000	75021	24006	15700	06107	81650		
Kew	775								
Heathrow	772	12303	80011	23511	15700	07103	81656		
Honington	586	32608	70011	22510	15701	06107	81650	83075	
Wattisham	590								
Gorleston	497	02506	64011	21511	00900	09202			
Aberporth	502	12011	80020	23610	15632	10806	81630		
Filton	628	02604	82010	24511	00900	09202			
Rhoose	715	12806	83020	24610	16201	10001	81705		
Hartland Point	703	82614	86031	25213	853//	12803	84707	88625	
Mount Batten	827	23003	82030	26111	00901	10001	82075		
St. Mawgan	817	82206	80021	26413	852//	12103	85703	88610	
Scilly	804	42604	82020	27512	28502	12400	81820	84080	
Culdrose	809	42706	80020	26611	38502	10002	81820	83070	
Guernsey	894	12906	82020	26111	00901	10101	81075		
Elmdon	534	12806	84021	23110	15700	06002	81650		
Cardington	559	12706	63020	23206	15700	06003	81650		
Wittering	462	22607	80030	22508	25740	06001	82650		
Watnall	354	12306	70011	22409	00901	06001	81080		
Shawbury	414	52007	82031	22410	55700	08804	85650		
Finningley	360	12406	72020	21309	15700	07102	81650		
Spurn Point	396	12708	70011	21012	10970	08001	81360		
Leeming	257	72105	86031	20411	3575/	08000	83656	87360	
Tynemouth	262	52308	69021	19512	50930	08601	85358		
Carlisle	222	82503	80602	19012	855//	10705	83625	88640	
Valley	302	82311	70211	21713	856//	11706	88630		
Ringway	334	31706	81031	21610	35700	08805	83650		
Squires Gate	318	82417	80601	20414	854//	11809	82618	88635	
Ronaldsway	204	82414	60602	19813	854//	11710	82712	85617	88625
Mull of Galloway	131	82314	81216	18711	856//	07717	88630		
Eskdalemuir	162	81802	75801	18710	884//	08806	85817	88640	
Prestwick	135	81703	18636	18411	871//	11707	84702	85704	87710
Abbotsinch	140	72206	68028	17711	753//	09804	81708	83616	85620
Leuchars	171	32308	82011	16709	28640	06004	81830		
Dyce	091	62408	84028	15610	656//	07000	82635	86645	
Lerwick	005	12906	82028	12408	11430	07102	81815		
Wick	075	72607	82038	14508	5843/	07204	81818	85640	
Sule Skerry	010	72910	82038	14111	785//	08202	84820	87625	
Cape Wrath	049	62710	82158	14210	634//	09801	86915		
Stornoway	026	52307	80028	15308	48430	07801	81818	83635	
Benbecula	022	72610	84018	16311	784//	09601	81817	87650	
Tiree	100	42507	82038	17409	25730	08705	82650		
Aldergrove	917	82413	80028	18713	872//	12607	82704	85706	88709
Malin	980	80203	15518	18411	863//	11101	85706	87715	
Belmullet	976	82608	30566	19813	862//	12802	86703	88708	
Birr	965	82410	70026	21914	854//	13806	83716	88635	
Dublin	969	82413	75036	20714	855//	10807	83620	87635	
Shannon	962	82208	70505	22714	853//	12705	81708	83713	88623
Roches Point	952	31909	83011	24312	25642	11001	82642	83074	
Valentia	953	72211	68032	24014	784//	12605	83819	87650	

OBSERVATIONS at 06h. 27 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	22103	58280	23509	15701	08705	81656		
Hurn	862	22402	75030	24009	15701	08604	81650		
Manston	797	12605	80030	23011	15701	07103	81650		
Gatwick	776	12103	75020	23709	15831	08101	81657		
Kew	775	12204	80020	23510	10931	07301	81358		
Heathrow	772	22102	72030	23211	15781	08500	81656		
Honington	586	62307	75031	21810	25750	07603	82656	85358	
Wattisham	590								
Gorleston	497	12306	66020	21312	10970	09400	81360		
Aberporth	502	72412	62211	21913	3633/	12709	83706	87360	
Filton	628	62305	70021	23012	653//	11605	83708	84615	
Rhoose	715	52810	72031	22413	25336	11709	81709	84275	
Hartland Point	703	72613	69022	23313	5853/	12709	85820	83630	85360
Mount Batten	827	62702	65021	24312	26304	11709	81707	86075	
St. Mawgan	817	72608	62022	24313	751//	12611	82702	84704	87612
Scilly	804	52406	82031	25213	28532	13709	81820	85080	
Culdrose	809	72405	75021	24612	65402	12610	82712	85620	
Guernsey	894	32802	82010	25211	11402	11604	81818	83075	
Elmdon	534	72308	62601	21311	2568/	08707	82638	87359	
Cardington	559	62508	68031	22310	2577/	09705	82650	86358	
Wittering	462	72413	82031	21211	756//	08607	82630	87650	
Watnall	354	72308	58141	20411	756//	09707	81630	84638	86656
Shawbury	414	72107	78022	20013	784/8	11810	81815	84640	86656
Finningley	360	42210	70011	18913	45500	10808	81622	84645	
Spurn Point	396	72413	18026	19212	5567/	09709	85630	87360	
Leeming	257	62608	81012	17214	654//	11613	84615	86630	
Tynemouth	262	82302	69216	16611	2737/	11713	82706	88358	
Carlisle	222	72610	75216	16414	783//	13605	82708	83711	86635
Valley	302	82316	56586	19813	7542/	11708	87617	88524	
Ringway	334	72009	80026	19513	755//	10609	81620	87628	
Squires Gate	318	82517	70206	18313	854//	12712	81710	88640	
Ronaldsway	204	82311	63606	17812	852//	12710	82705	86707	88622
Mull of Galloway	131	73507	74026	17512	785/1	11601	82825	87630	
Eskdalemuir	162	72907	62028	16111	783//	09606	81706	86645	
Prestwick	135	62602	65016	16711	3623/	10804	81704	83708	85363
Abbotsinch	140	62805	80036	15912	58432	09610	81818	85650	
Leuchars	171	72307	89021	15209	38532	07708	81825	83650	86362
Dyce	091	72610	86032	14211	15656	08705	81630	86362	86270
Lerwick	005	72612	84021	11010	38332	09707	81707	83362	87075
Wick	075	72707	89021	13010	28472	07705	81818	83362	87075
Sule Skerry	010	72908	82808	12410	784//	08707	82815	87625	
Cape Wrath	049	52710	70818	13010	534//	09704	85915		
Stornoway	026	72506	75258	13910	6843/	09707	82818	86656	
Benbecula	022	72612	84018	14612	784//	09708	81819	83630	87656
Tiree	100	32707	81018	16011	28430	10607	81818		
Aldergrove	917	83303	50596	17512	851//	11706	83702	86710	88620
Malin	980	62907	84035	17312	684//	09607	81716	83818	85638
Belmullet	976	80105	45586	17512	862//	12505	86705	88709	
Birr	965	82208	62216	19213	864//	12711	86712	88631	
Dublin	969	82514	65215	18113	863//	12715	83706	83713	86630
Shannon	962	82412	82215	19714	873//	12612	81709	85711	86718
Roches Point	952	72109	83021	21713	784/2	12708	84817	85639	87074
Valentia	953	81910	58216	20813	863//	13615	88706		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00070	01	+	if
Hurn	862	00061	03	+	+
Manston	797	00090	05	+	+
Gatwick	776	00040	01	+	+
Kew	775	00050	52	+	+
Heathrow	772	97080	04	+	r.
Honington	586	00070	03	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	97101	08	+	ir.
Filton	628	00100	02	+	+
Rhoose	715	00090	04	+	+
Hartland Point	703	00120	11		
Mount Batten	827	00090	05	+	+
St. Mawgan	817	00121	09	+	+
Scilly	804	00111	08	+	+
Culdrose	809	00100	07	+	+
Guernsey	894	00091	03	+	+
Elmdon	534	97080	04	+	ir.
Cardington	559	00050	51	+	+
Wittering	462	97070	04	+	r.
Watnall	354	00090	03	+	jp
Shawbury	414	97080	03	+	pr.
Finningley	360	00080	03	+	+
Spurn Point	396			+	ir.
Leeming	257	00110	09	+	+
Tynemouth	262	04111	09	rr	pr.
Carlisle	222	97120	09	r.ir.	r.
Valley	302	01131	12	ir.	ir.d.r.irir.
Ringway	334	97100	09	+	r.-d.
Squires Gate	318	02131	11	d.r.d.r.R	d.r.drR
Ronaldsway	204	01121	11	d.r.ir.	rr.r.d.
Mull of Galloway	131	03101			
Eskdalemuir	162	01091	06	pr.r.d.r.d.	d.
Prestwick	135	04111	09	r.d.r.d.r.rr	+
Abbotsinch	140	97090	04	ir.dr	+
Leuchars	171	00070	04	+	+
Dyce	091	00071	04	+	+
Lerwick	005	00061	04	pr.	+
Wick	075	97071	03	pr.	+
Sule Skerry	010	03081	08		
Cape Wrath	049	03092	07	pr.	pr
Stornoway	026	93071	05	+	pr.r.
Benbecula	022	01111	09	prpr.	pr.
Tiree	100	97090	05	pr.	+
Aldergrove	917	04111	11	d.ir.d.r.	r.drd.r.rr.
Malin	980	06091	05		
Belmullet	976	08121	11		
Birr	965	92131	12		
Dublin	969	97121	11		
Shannon	962	93131	12		
Roches Point	952	97120	10		
Valentia	953	02131	12		

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_vapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27001	82605	98022	27909	855//	00212	88623	/////	05405	11121	3//01	04/04
L	99567	70201	27004	72507	98022	20211	785//	00801	81820	87630	0//05	11271	30201	25804
M	99662	10007	27004	81009	97806	05707	893//	00400	/////	/////	05106	10859	30302	/////
R	99470	70170	27004	82810	96505	25815	874//	00001	88710	/////	0//15	11596	30802	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_vapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27061	82708	98022	26710	864//	00608	88715	/////	05208	11113	30402	04003
L	99568	70201	27064	72711	98038	18510	754//	00504	87617	/////	0//07	11269	30302	25803
M	99662	10005	27064	80809	97808	05707	893//	00400	/////	/////	05207	10887	30302	/////
R	99470	70169	27064	82512	96105	23315	862//	00712	88705	/////	0//15	11575	30803	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

42222

Date of Issue TUESDAY 28 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 27 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72611	82021	21417	58532	11708	83820	83645	86075
Hurn	862	62212	80021	22317	21536	11705	82825	86275	
Manston	797	62010	86021	20819	18636	09710	81840	86272	
Gatwick	776	72312	81021	21519	18678	11709	81835	83362	87272
Kew	775	72605	82021	21018	786//	10712	83830	87656	
Heathrow	772	72508	82036	20918	58658	12712	82830	84656	85360
Honington	586	72413	82032	19218	5867/	10712	81830	85650	87358
Wattisham	590								
Gorleston	497	72411	66031	18718	785//	09713	82825	87630	
Aberporth	502	72316	82022	20217	3847/	10808	83818	87359	
Filton	628	72515	81012	21516	28572	12704	82820	83468	85080
Rhoose	715	72714	84032	21616	68438	12704	81811	86628	
Hartland Point	703	62716	82022	22313	22531	12608	82820	85360	
Mount Batten	827	72209	80022	23015	28489	13709	81818	84362	85172
St. Mawgan	817	62611	84012	22716	38438	11708	82815	83365	85275
Scilly	804	62312	81012	23916	38530	14708	82820	84358	
Culdrose	809	72410	80022	23215	5833/	13707	83707	83625	85360
Guernsey	894	62410	82031	24315	31432	10807	83814	85075	
Elmdon	534	82515	68026	19316	7847/	10709	81815	84624	86645
Cardington	559	72614	63258	20517	5847/	13607	83818	85650	87359
Wittering	462	82517	81026	19216	5857/	11608	82822	85626	88460
Watnall	354	72312	68028	18416	7847/	11803	82818	87625	
Shawbury	414	72512	82808	18816	784//	12604	85818	87645	
Finningley	360	82311	75026	17117	855//	12705	84622	85630	88656
Spurn Point	396	72614	66026	17516	785//	11705	84820	87630	
Leeming	257	72515	88028	15617	784//	12706	83816	87622	
Tynemouth	262	72710	80028	15416	4567/	08604	84630	87358	
Carlisle	222	82307	61616	15412	854//	12704	82711	88640	
Valley	302	82118	60156	18113	852//	11708	85704	88620	
Ringway	334	82311	65606	17915	7547/	11707	82715	86620	88358
Squires Gate	318	82418	60616	17213	872//	13707	84705	88708	
Ronaldsway	204	82215	65016	16013	863//	12708	81706	88711	
Mull of Galloway	131	80304	82036	16113	855//	12707	81620	88635	
Eskdalemuir	162	71910	83031	14115	7863/	09811	85835	85645	
Prestwick	135	52511	86021	15315	48531	09809	84822		
Abbotsinch	140	62710	84022	14315	48532	10708	82825	83635	
Leuchars	171	72412	86022	13415	785//	07811	83825	86650	
Dyce	091	82803	80212	12715	4857/	06708	81825	83630	88360
Lerwick	005	72513	81022	10112	58472	07603	83812	83635	86070
Wick	075	82907	80808	11811	6842/	09804	81710	85815	85635
Sule Skerry	010	82908	74618	11310	854//	09606	85715	88625	
Cape Wrath	049	82715	82818	11510	5847/	07709	83810	85615	88460
Stornoway	026	72612	70808	12611	5842/	11703	81710	85820	87460
Benbecula	022	72615	82258	14013	38432	09801	82816	83635	86072
Tiree	100	73013	86251	15214	68432	08802	82818	86645	
Aldergrove	917	63002	75206	15915	2733/	11705	82707	86359	
Malin	980	23110	89011	16214	18582	08604	81820		
Belmullet	976	63003	74016	17014	654/2	09705	82716	85637	
Birr	965	82208	58505	17415	863//	14711	86708	88712	
Dublin	969	82413	70506	16215	863//	13707	81706	85708	88713
Shannon	962	82512	80215	17815	863//	14710	82709	85712	88625
Roches Point	952	81920	65608	19214	7747/	13711	85711	84715	88459
Valentia	953	81706	58616	17715	863//	14718	87709	88630	

OBSERVATIONS at 18h. 27 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72406	84022	18317	785//	12617	83820	87645	
Hurn	862	52312	68012	19416	21531	12616	82828	84364	
Manston	797	72214	82022	18418	40941	10713	82360	83364	85075
Gatwick	776	72310	80022	18518	11641	12717	81835	85365	86072
Kew	775	42510	81026	18119	32641	10719	83835		
Heathrow	772	42610	81038	17819	24641	11720	82835		
Honington	586	52311	80018	16618	48630	10718	82833	83650	
Wattisham	590								
Gorleston	497	72510	66032	16718	7097/	11712	87360		
Aberporth	502	72212	82258	17413	784//	12716	86817	87650	
Filton	628	62812	84012	18316	28541	10718	81828	84358	
Rhoose	715	42812	85031	18415	38448	09618	81816	83656	
Hartland Point	703	62618	82032	19114	4857/	10717	82820	83640	86360
Mount Batten	827	72312	84022	20214	38479	12716	81818	83648	85360
St. Mawgan	817	72011	82022	19615	1837/	09715	81706	87362	
Scilly	804	82112	75602	20113	5852/	13720	81820	85622	88558
Culdrose	809	72312	80022	19914	4837/	12819	81708	83650	85462
Guernsey	894	72907	81022	21413	6533/	11718	81707	86657	
Elmdon	534	62415	66022	16717	3857/	09611	81825	83632	85360
Cardington	559	62713	70026	17218	4864/	13616	82830	83650	
Wittering	462	72413	75032	16318	4857/	11715	81827	84650	87359
Watnall	354	72511	80028	15616	68631	08712	83830	84650	
Shawbury	414	72612	83028	16316	48672	10612	81830	84635	87359
Finningley	360	72412	80018	15216	48572	11611	81823	84645	85363
Spurn Point	396	72711	66038	15316	755//	12713	87625		
Leeming	257	72508	75158	13716	784//	12806	85816	86656	
Tynemouth	262	72610	81028	12617	35571	10715	83625	86358	
Carlisle	222	32609	81016	13015	18542	11613	81825		
Valley	302	82120	58602	15813	852//	11714	82705	86626	88645
Ringway	334	72315	81016	15715	754//	10712	81712	84625	87640
Squires Gate	318	72422	68036	14614	7527/	13616	82705	83708	85650
Ronaldsway	204	70000	64026	14413	753//	12710	81708	87650	
Mull of Galloway	131	63407	84031	14314	45501	11710	84625		
Eskdalemuir	162	42807	83021	12714	24631	07704	82837		
Prestwick	135	63213	88031	13915	18631	07509	81830	86080	
Abbotsinch	140	73112	87032	12915	58632	06606	82830	85645	86072
Leuchars	171	72908	86022	11915	68672	07703	81830	84650	
Dyce	091	82205	62808	11412	884//	09609	81715	85825	87645
Lerwick	005	42709	65258	09011	38432	06706	81812	83072	
Wick	075	73112	80258	10711	3247/	07704	83815	83358	87360
Sule Skerry	010	72912	81808	10311	785//	08708	85820	87625	
Cape Wrath	049	72711	80818	10511	784//	10705	84810	87615	
Stornoway	026	72812	80258	11312	6853/	08708	83820	84625	
Benbecula	022	72514	80808	12413	6843/	09710	84815	85635	86360
Tiree	100	72911	82018	14012	48576	09806	82820	83635	86275
Aldergrove	917	30707	80011	14116	28501	10610	81824		
Malin	980	63308	88031	15013	28532	08506	81821	85075	
Belmullet	976	43308	85011	15414	28532	09706	81820		
Birr	965	82604	70605	14615	6632/	14716	86709	88458	
Dublin	969	82313	70028	14116	693/8	14610	82709	84914	87270
Shannon	962	80202	62616	14614	872//	14615	82704	85707	87712
Roches Point	952	81812	62026	14914	863//	13628	86708	88711	
Valentia	953	83203	50605	14015	862//	14717	88705		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00190	076	+	+
Hurn	862	00180	132	+	+
Manston	797	00190	106	+	+
Gatwick	776	00200	099	+	+
Kew	775	97190	091	r.	+
Heathrow	772	97210	071	pr.	jp
Honington	586	97190	045	pr.	+
Wattisham	590				
Gorleston	497		056		
Aberporth	502	01181	021	pr.	pr.r.r.
Filton	628	00180	042	+	+
Rhoose	715	00170	072	+	+
Hartland Point	703	96151	064		
Mount Batten	827	97160	078	+	ir.
St. Mawgan	817	93181	051	+	r.r.
Scilly	804	01161	040	+	ir.
Culdrose	809	97161	038	+	ir.
Guernsey	894	00151	097	+	+
Elmdon	534	97190	023	ir.	r.
Cardington	559	97190	043	pr.-ir.	r.
Wittering	462	00190	024	+	+
Watnall	354	97180	022	pr.ir.	pr.
Shawbury	414	96171	002	pr.	pr.r.r.
Finningley	360	95180	015	r.pr.-rr.	r.
Spurn Point	396			+	pr.
Leeming	257	91180	016	pr.	jp
Tynemouth	262	91171	046	pr.	+
Carlisle	222	01161	054	d.rd.r.r.r.	+
Valley	302	09142	000	irr.r.	r.r.rriR
Ringway	334	96160	000	d.-r.	r.
Squires Gate	318	02161	013	rr.drd.r.d.r.	r.r
Ronaldsway	204	92150	001	d.-d.r.	d.r.
Mull of Galloway	131	01161			
Eskdalemuir	162	00171	107	+	+
Prestwick	135	00160	113	+	+
Abbotsinch	140	00180	059	+	+
Leuchars	171	00170	028	+	+
Dyce	091	03151	009	r.pr.pr	prpr.
Lerwick	005	94131	065	pr.	pr.
Wick	075	03131	016	prpRpr.r.r.	pr.ir.
Sule Skerry	010	02121			
Cape Wrath	049	04122	000	pr	pr
Stornoway	026	01131	007	pr.r.pr.	pr.
Benbecula	022	01141	010	pr.	pr.
Tiree	100	92150	041	pr.	pr.
Aldergrove	917	93180	033	r.r.d.d.	+
Malin	980	0014	118		
Belmullet	976	9716	077		
Birr	965	0715	000		
Dublin	969	0117	006		
Shannon	962	1116	000		
Roches Point	952	0615	001		
Valentia	953	1316	000		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

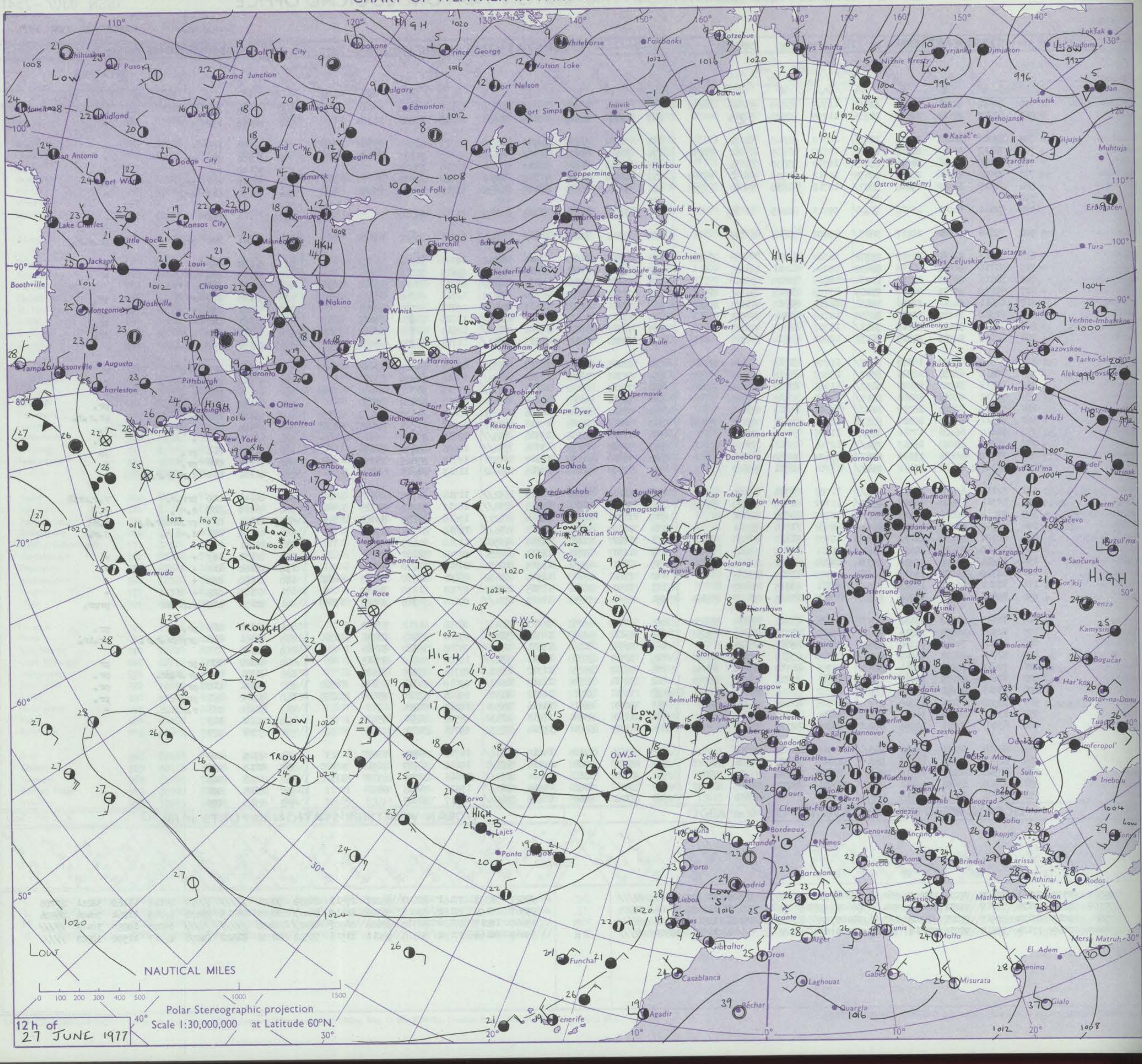
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27121	82609	97032	27409	864//	00306	88710	/////	05309	11139	30403	/////
L	99567	70200	27124	72718	98032	17210	784//	00607	82815	83618	0//08	11268	30404	24805
M	99661	10015	27124	80913	97028	06308	893//	31400	/////	/////	05106	10914	30302	/////
R	99469	70169	27124	32814	98035	23016	38500	00000	81820	/////	0//14	11571	30803	/////

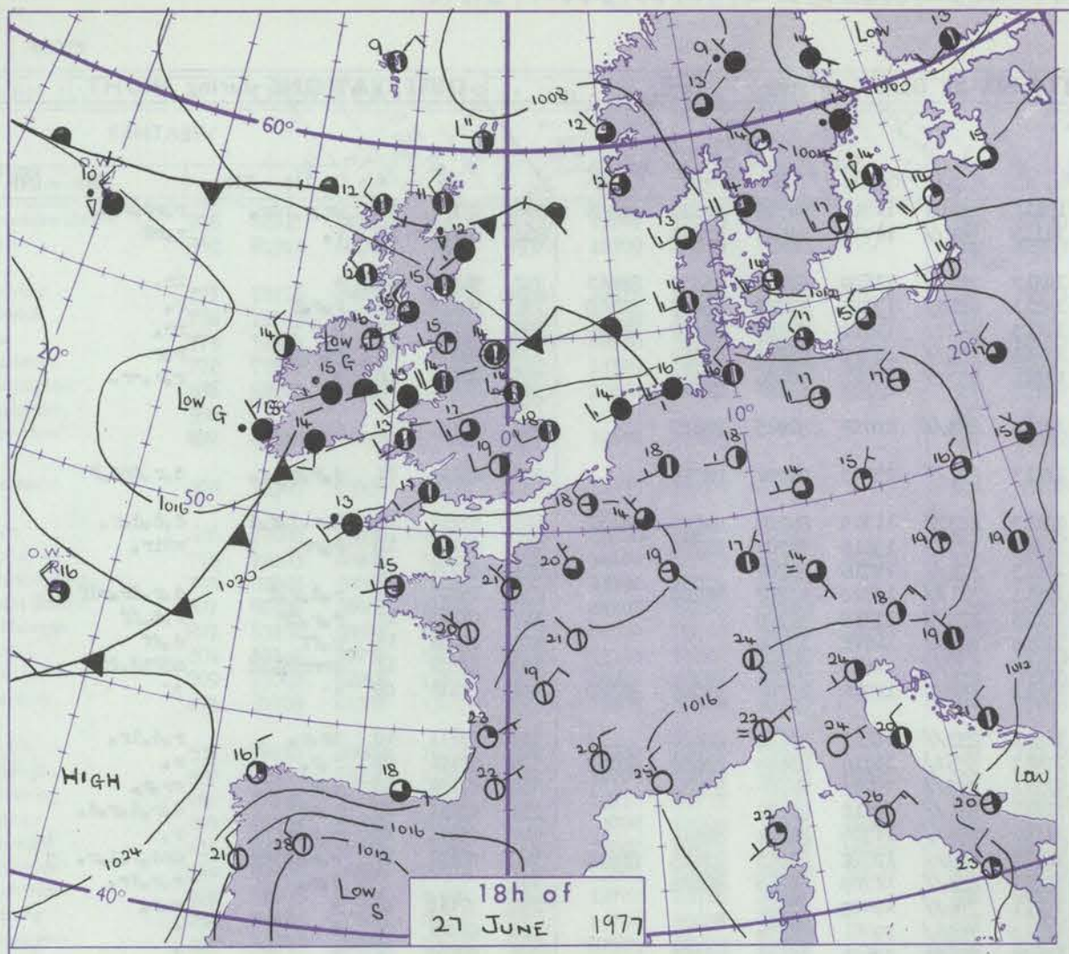
OCEAN WEATHER STATION REPORTS at 18h.

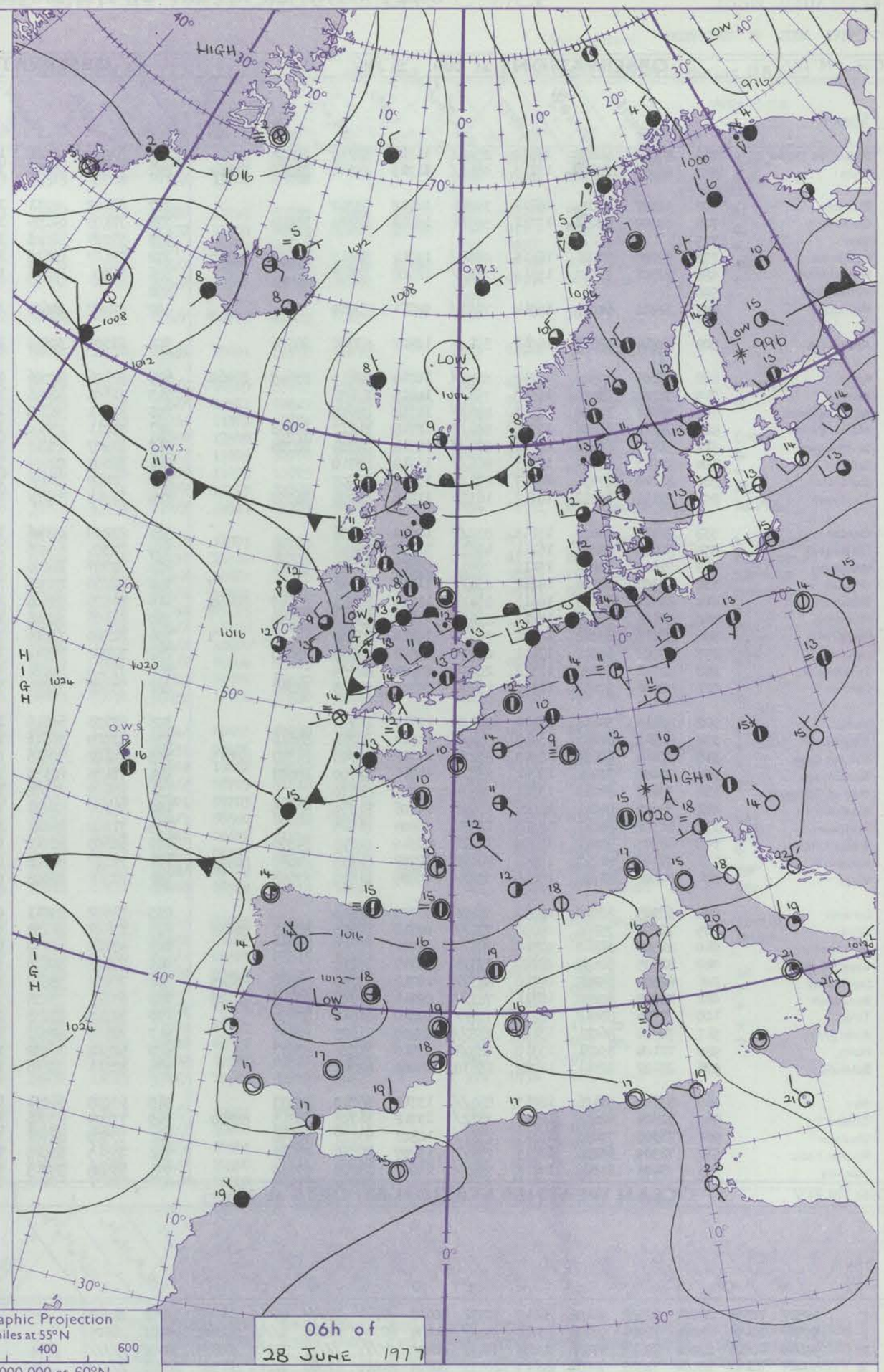
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27181	82607	98022	27512	20932	00801	/////	/////	00110	11160	30201	27703
L	99567	70198	27184	83017	96808	16110	884//	00802	85815	88630	0//09	11264	30404	26806
M	99660	10017	27184	80710	97608	06907	4242/	00400	/////	/////	05205	10887	30402	/////
R	99469	70168	27184	52818	98011	21516	38502	00708	81820	84076	0//13	11590	30803	/////

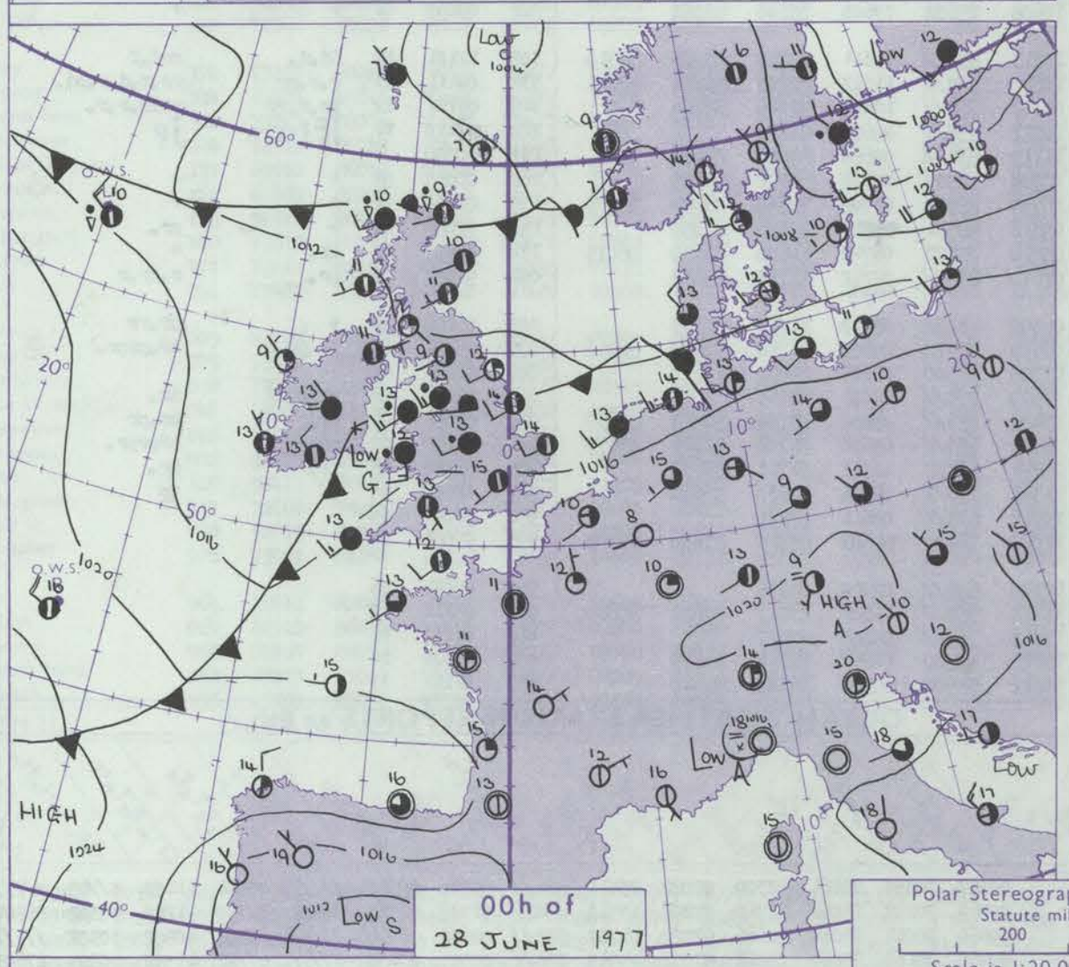
times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 28 JUNE 1977

During the past 24 hours a complex area of low pressure has persisted over Scandinavia and the Norwegian Sea while the anticyclone over Biscay has moved eastwards into Germany and declined. A small low centre has moved east across Ireland and the associated cold front lying southwest to the Azores has moved slowly southeast. During the next 24 hours the low over the Irish Sea is expected to move east into the southern North Sea while the cold front moves slowly southeast across southern England. The anticyclone will remain slow-moving over central Europe and pressure will remain low over Scandinavia. The anticyclone near the Azores will drift slowly southeast.

OBSERVATIONS at 00h. 28 JUNE 1977

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80000	64638	16612	2742/	11712	82818	88556	
Hurn	862	82406	70602	17113	5567/	11713	85640	85360	88462
Manston	797	32307	75021	16611	30931	11712	83362		
Gatwick	776	70000	60032	17211	50931	10812	85364	85072	
Kew	775								
Heathrow	772	72004	70021	16415	4547/	12711	81617	84635	87360
Honington	586	72306	75032	15313	757//	08708	87656		
Wattisham	590								
Gorleston	497	72410	64022	14914	7097/	08711	87360		
Aberporth	502	81816	58638	14012	871//	12822	83702	88706	
Filton	628	82605	80586	16212	5542/	10716	82615	85645	88460
Rhoose	715	72504	83026	16012	757//	10816	87656		
Hartland Point	703	82414	72808	15612	856//	11718	88640		
Mount Batten	827	82210	65606	17013	854//	12718	84712	88635	
St. Mawgan	817	81910	62586	16312	872//	12718	84704	88705	
Scilly	804	82013	60026	16313	864//	13718	88710		
Culdrose	809	82012	57636	16513	872//	13717	88703		
Guernsey	894	72108	80022	18912	16372	11816	81706	86359	
Elmdon	534	82510	64606	15113	857//	09613	88656		
Cardington	559	82409	68036	16111	4567/	11710	84640	88358	
Wittering	462	72408	80032	15112	7097/	09712	84358	87362	
Watnall	354	82307	60216	14612	856//	11811	88632		
Shawbury	414	81805	62636	14512	854//	11714	82615	85640	88656
Finningley	360	82106	80612	13513	856//	11810	83630	88645	
Spurn Point	396	72410	68022	13914	756//	10710	87630		
Leeming	257	53002	80012	12612	25601	10808	82645	85075	
Tynemouth	262	32711	69021	12312	20941	09804	82359		
Carlisle	222	42402	80030	12509	15631	08805	81645	84362	
Valley	302	82114	38616	13413	871//	12713	88702		
Ringway	334	82010	62616	13812	854//	11714	83714	88616	
Squires Gate	318	82414	60636	12913	852//	13712	83705	86707	88615
Ronaldsway	204	80000	12402	12711	850//	11711	82700	88628	
Mull of Galloway	131	73607	86022	13311	756//	09707	87630		
Eskdalemuir	162	33402	84011	12906	10942	04706	81365	83075	
Prestwick	135	21302	84011	12907	10931	06808	81365		
Abbotsinch	140	62505	84022	11909	18471	50810	81818	84360	
Leuchars	171	72406	84022	10911	48672	07707	81830	84640	86463
Dyce	091	72502	81028	10210	785//	09809	81820	87645	
Lerwick	005	33005	83010	08207	38400	07705	81815		
Wick	075	72602	75806	09009	784//	08712	84815	85625	86635
Sule Skerry	010	82804	81818	07810	884//	08704	81815	88625	
Cape Wrath	049	82305	60638	08209	873//	09718	88708		
Stornoway	026	82509	65808	09010	883//	10712	82708	85820	86625
Benbecula	022	72515	80258	10311	783//	09713	81708	83815	87628
Tiree	100	72506	83018	12211	784//	09810	81818	87650	
Aldergrove	917	70804	86031	13111	755//	07809	81625	87639	
Malin	980	72104	89031	13310	785/2	07710	81822	87633	
Belmullet	976	23107	82011	14909	25630	06000	82640		
Birr	965	83102	56106	12513	864//	13712	86710	87633	
Dublin	969	82604	62618	12413	3632/	13712	81708	83715	88550
Shannon	962	73305	70036	13313	753//	12803	83707	86640	
Roches Point	952	72909	65206	13013	774//	13707	85712	87632	
Valentia	953	73403	80026	14113	754//	13001	83710	87640	

OBSERVATIONS at 06h. 28 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81906	48626	13411	5522/	11712	84703	84620	88556
Hurn	862	72208	70216	14113	755//	11712	85622	87645	
Manston	797	82107	58211	14312	2567/	11609	82645	85359	88462
Gatwick	776	72105	64026	14313	6533/	12713	84707	85657	87360
Kew	775	72207	62026	14013	1637/	11710	81708	84357	87360
Heathrow	772	72107	62606	13813	2537/	11713	81707	87359	
Honington	586	71906	78216	12911	4577/	10811	84656	87360	
Wattisham	590								
Gorleston	497	82207	64606	13013	885//	10708	82825	88630	
Aberporth	502	82309	30516	10513	871//	13713	83702	88708	
Filton	628	82106	60586	12413	853//	11715	84708	84620	88630
Rhoose	715	71905	62606	11913	773//	12616	84707	87709	
Hartland Point	703	82514	56258	11413	871//	12716	88702		
Mount Batten	827	82211	25516	12813	871//	13720	85702	88703	
St. Mawgan	817	81807	25216	12013	870//	13717	88700		
Scilly	804	92607	02455	12714	9////	14712	89/00		
Culdrose	809	92409	01456	12114	9////	14618	89/00		
Guernsey	894	71910	35101	15012	55072	12716	83701	84645	86360
Elmdon	534	82209	60046	11911	853//	10813	84708	88620	
Cardington	559	72306	65026	12912	5567/	11716	83640	83650	86360
Wittering	462	72207	66036	12211	753//	10713	81706	87634	
Watnall	354	82209	20506	11611	861//	10712	88702		
Shawbury	414	81603	63606	11111	854//	11714	86614	88645	
Finningley	360	82106	50586	10312	6542/	12712	82615	83625	86645
Spurn Point	396	82310	58616	11312	854//	11709	86715	88625	
Leeming	257	72202	65042	10211	756//	10709	87630		
Tynemouth	262	72510	80021	10310	7093/	07711	87358		
Carlisle	222	73302	75031	10608	25632	07605	82645	86362	
Valley	302	82203	60616	10313	872//	12611	83703	85706	88710
Ringway	334	82009	56616	10612	852//	11713	82703	86704	88618
Squires Gate	318	80102	58616	10312	872//	12609	81705	88708	
Ronaldsway	204	70105	82156	10511	755//	09606	87620		
Mull of Galloway	131	83605	86032	11110	855//	09609	85625	88630	
Eskdalemuir	162	71207	84031	10704	3253/	04610	83822	86363	
Prestwick	135	71202	84021	10709	48472	07709	82818	83645	85075
Abbotsinch	140	62605	82012	09811	48531	09810	82820	84078	
Leuchars	171	72307	86028	08410	35672	06712	81630	83650	86075
Dyce	091	82802	82608	07610	854//	08712	81715	88632	
Lerwick	005	51602	89011	06309	43432	08710	81912	84635	
Wick	075	73107	81258	06409	4847/	09605	81710	83640	86362
Sule Skerry	010	43215	82258	07309	42500	08705	84820		
Cape Wrath	049	73602	80606	07609	774//	08301	87715		
Stornoway	026	70212	58818	08409	783//	09202	83706	86818	87630
Benbecula	022	63311	75258	08510	693//	09606	81708	82914	85635
Tiree	100	72710	83258	09211	68432	10713	81712	86637	
Aldergrove	917	72102	82022	11411	756//	08706	82630	86640	
Malin	980	62812	86802	10712	685/2	08611	85820		
Belmullet	976	82811	80606	12912	7647/	09607	85716	87638	87459
Birr	965	63008	66031	12309	656//	08304	86636		
Dublin	969	73204	68016	11012	754//	11301	83717	84626	85640
Shannon	962	73505	82022	13612	755//	09205	87627		
Roches Point	952	43315	62016	12213	48400	11202	82817	84639	
Valentia	953	63508	89015	14612	68500	09306	84822	84640	

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	03111	10	pr.r.rir.	r.rd.r.d.
Hurn	862	03121	12	r.	r.rR
Manston	797	91100	09	+	ir.
Gatwick	776	94110	06	r.r.r	r.
Kew	775	01121	09	r.r	rr.
Heathrow	772	01121	12	r.r	r.r
Honington	586	96111	10	+	r.r.-r.
Wattisham	590				
Gorleston	497				
Aberporth	502	05111	11	d.r.rr.r.	d.r.drd.F
Filton	628	97111	09	d.r.d.r.d.	d.d.d.r.
Rhoose	715	03111	10	r.rr.	rRir.
Hartland Point	703	96121	11		
Mount Batten	827	06131	12	r.d.r.d	d.r.dr.rdf
St. Mawgan	817	01121	12	r.r.dr	r.d.ff
Scilly	804	01131	13	r.ff	d.ff
Culdrose	809	04121	12	irrrid.id	ddFid.ff
Guernsey	894	00111	09	+	jf
Elmdon	534	93111	10	ir.r.	r.d.ir.
Cardington	559	93101	09	r.r.	r.
Wittering	462	01101	10	r.r	rr.r.
Watnall	354	03111	10	r.rr	d.r.d.r.d.
Shawbury	414	05111	10	r.r.rr	r.
Finningley	360	05111	11	r.r.rrRdr	drd.r.d.r.
Spurn Point	396			r.r.	r.r.ir.
Leeming	257	97110	08	+	r.r.
Tynemouth	262	00091	06	+	+
Carlisle	222	00060	01	+	+
Valley	302	12121	12	Rd.d.	rrd.f
Ringway	334	04111	11	r.r.rr	rr.r.d.r.dd.
Squires Gate	318	06121	12	ir.r.rr	rrir.r.r.
Ronaldsway	204	97110	11	jfir.	jp
Mull of Galloway	131	00090			
Eskdalemuir	162	00010	51	+	+
Prestwick	135	00050	02	+	+
Abbotsinch	140	97080	04	+	pr.
Leuchars	171	97090	07	pr.	+
Dyce	091	92091	07	pr.	r.ir.r
Lerwick	005	06062	50	+	pr.rr
Wick	075	05091	08	ir.pr.rr	ir.prpr.
Sule Skerry	010	03071	07		
Cape Wrath	049	06091	08	rrir.if	ir.
Stornoway	026	04091	06	pr.	pr.pr
Benbecula	022	02101	09	pr.	pRprpr.
Tiree	100	97100	08	pr.	pr.
Aldergrove	917	00090	05	+	jp
Malin	980	97091	05		
Belmullet	976	97081	06		
Birr	965	04081	06		
Dublin	969	05111	12		
Shannon	962	01111	11		
Roches Point	952	97121	11		
Valentia	953	91111	11		

OCEAN WEATHER STATION REPORTS at 00h.

Code FM 21.V

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28001	82508	96102	26610	30932	00602	/////	/////	05110	11147	3//02	28/03
L	99567	70198	28004	72914	97808	15410	783//	71604	82709	84815	0//08	11242	30403	26805
M	99660	10016	28004	80710	97026	07007	884//	00400	/////	/////	05304	10873	30402	/////
R	99467	70163	28004	72818	98032	20615	2853/	00809	81820	87360	0//14	11566	30803	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28061	82309	97022	23411	864//	00722	88710	/////	00011	11155	3//03	/////
L	99569	70207	28064	82710	97208	13510	4542/	71709	81715	84628	0//10	11245	30302	26804
M	99660	10014	28064	80606	97022	06707	885//	00602	/////	/////	05302	10852	30302	/////
R	99465	70160	28064	73218	97032	19915	786//	00303	87830	/////	0//13	11557	30804	27603

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307-2541

42223

Date of Issue WEDNESDAY 29 JUNE 1977

OBSERVATIONS at 12h. 28 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81911	70216	11813	862//	11707	88703		
Hurn	862	81911	64206	12513	853//	12709	85709	88613	
Manston	797	72216	84036	11919	48541	10615	83825	83359	85075
Gatwick	776	72213	80026	12716	785//	10708	82825	83645	87656
Kew	775	72308	81026	12316	784/1	09710	81818	87645	
Heathrow	772	72209	80026	12016	6852/	11709	82820	86645	87462
Honington	586	72209	80016	11115	754//	11610	84712	86616	87650
Wattisham	590								
Gorleston	497	82212	66026	11116	855//	10610	88625		
Aberporth	502	93309	03436	11512	9////	12105	89/00		
Filton	628	72008	75036	10815	754//	13608	84612	87617	
Rhoose	715	72103	60216	10615	782//	14606	81705	84708	87618
Hartland Point	703	82805	20285	11413	852//	13302	85704	88615	
Mount Batten	827	82309	06466	11615	870//	14703	85701	88703	
St. Mawgan	817	83108	08585	11315	870//	14804	83700	86701	88707
Scilly	804	63110	70034	13216	68500	15103	84820	83625	
Culdrose	809	73210	62205	11615	782//	14201	83704	87620	
Guernsey	894	81909	61216	13613	853//	12805	82708	87613	
Elmdon	534	72211	60605	10015	753//	13710	83709	85616	
Cardington	559	72310	61216	11216	754//	14709	82712	86616	87640
Wittering	462	72114	75012	10315	754//	12710	82712	87614	
Watnall	354	82105	45616	09714	6722/	13708	85705	84710	88460
Shawbury	414	83508	50616	09214	6722/	13607	82704	85712	88459
Finningley	360	83306	58586	09514	852//	13605	83704	84710	88622
Spurn Point	396	82405	40506	10014	854//	12707	85710	88620	
Leeming	257	71505	80026	09216	785//	11706	83828	87640	
Tynemouth	262	62305	80022	09414	6853/	07605	82825	86635	
Carlisle	222	72906	86022	09117	4863/	09709	83830	86362	
Valley	302	73311	80026	11315	784//	09307	83818	87645	
Ringway	334	81904	45616	09814	852//	13704	81704	84706	88625
Squires Gate	318	73211	78016	10215	784/2	09400	81818	86650	
Ronaldsway	204	72912	86022	10615	18642	07400	81832	87075	
Mull of Galloway	131	63010	86012	10514	48501	09601	81825	84630	86075
Eskdalemuir	162	62808	82012	08614	686//	06806	84830	85645	
Prestwick	135	52512	84021	09615	28401	09703	82814	84075	
Abbotsinch	140	72612	80258	08515	685/2	07703	83828	85635	
Leuchars	171	72611	82152	07216	28535	07711	82825	86080	
Dyce	091	73409	65256	07212	684/9	09302	81712	85818	86640
Lerwick	005	61705	89028	06510	4843/	07400	83815	84630	
Wick	075	73512	89022	07613	6843/	08306	86815		
Sule Skerry	010	73210	82021	08411	785//	08103	83820	87625	
Cape Wrath	049	53205	82026	08310	41584	08203	84820		
Stornoway	026	73214	86028	09713	785//	03005	82822	86630	
Benbecula	022	33212	89018	10014	12502	05206	81824		
Tiree	100	53411	84028	09714	58402	11205	83816		
Aldergrove	917	72609	75258	10414	785//	08605	83822	86645	
Malin	980	52913	82258	10713	43502	10204	84820	81920	
Belmullet	976	73012	81256	13015	7343/	10601	82717	85821	81921
Birr	965	72911	82022	12615	785//	08605	86822	87636	
Dublin	969	62910	86012	11116	62500	08804	86826		
Shannon	962	82910	84032	13715	884//	09602	82718	83824	88632
Roches Point	952	73213	81021	13614	784//	08205	85818	87634	
Valentia	953	83209	82032	15514	885//	10303	82825	88640	

OBSERVATIONS at 18h. 28 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62010	65015	09615	48332	13708	83706	84358	
Hurn	862	82309	18515	10514	871//	13606	88702		
Manston	797	72213	75028	09917	28678	11708	81835	83360	87270
Gatwick	776	72211	75026	10315	55432	11709	82615	83620	85359
Kew	775	82212	72022	10016	7567/	11709	87635		
Heathrow	772	82207	65036	09816	884//	12707	82815	86616	88645
Honington	586	72210	65032	08916	785//	11607	83820	87650	
Wattisham	590								
Gorleston	497	72112	58022	08717	785//	14712	82825	87630	
Aberporth	502	33108	84034	11514	13431	10601	81918	83075	
Filton	628	72705	70178	09416	734//	14500	83917	85635	
Rhoose	715	73109	84299	09317	785//	12501	82822	83630	86650
Hartland Point	703	63410	74012	11613	4523/	11303	82704	84625	86360
Mount Batten	827	63413	70018	10616	68400	13500	82710	83818	
St. Mawgan	817	73312	80026	12014	753//	11205	82708	87635	
Scilly	804	23313	80026	14215	18502	11205	81823		
Culdrose	809	73315	62015	12314	753//	12103	82708	85640	
Guernsey	894	72606	35205	11314	770//	14611	82701	84702	87704
Elmdon	534	73310	60049	09016	68432	13303	83815	83650	85072
Cardington	559	62311	60016	09116	48431	14610	83712	83825	85360
Wittering	462	80802	35929	09013	853//	12602	82708	85710	88645
Watnall	354	73001	56256	08715	684/2	12501	84818	86645	
Shawbury	414	53508	72036	09615	14544	09203	81825	83362	85075
Finningley	360	70000	65036	08316	784//	13606	84815	86625	
Spurn Point	396	80605	57035	08912	854//	12604	84715	88625	
Leeming	257	73402	89022	07817	785//	08504	83825	87645	
Tynemouth	262	72304	69601	08214	6567/	09501	86630		
Carlisle	222	62510	84022	08014	58632	10706	82830	85648	
Valley	302	72406	84031	11014	6864/	09500	81830	86656	
Ringway	334	43010	80028	09614	18631	08106	81835	83075	
Squires Gate	318	22812	83011	09714	12602	10602	81830		
Ronaldsway	204	72609	84252	09914	784//	08703	81818	86650	
Mull of Galloway	131	73209	82216	09913	58501	09703	81825	84635	
Eskdalemuir	162	63012	83258	07913	686/1	06500	84832	85650	
Prestwick	135	43216	84028	08915	28542	08602	81826		
Abbotsinch	140	63009	82158	08017	58602	07501	82830	83650	
Leuchars	171	70808	75258	08512	3838/	09109	81708	83656	85360
Dyce	091	61105	70018	08112	68400	08302	81712	84818	
Lerwick	005	70406	70618	06608	7841/	07302	82811	87625	
Wick	075	63214	89028	08011	58532	06400	83820	83640	
Sule Skerry	010	72707	66818	08010	784//	08805	85815	87625	
Cape Wrath	049	52714	84022	08210	58500	09804	84820	85625	
Stornoway	026	73114	86022	10011	785//	06501	83820	86630	
Benbecula	022	53012	89021	10913	12502	05301	81825	84075	
Tiree	100	23412	89021	10313	11502	08303	81825		
Aldergrove	917	53410	88018	10215	58500	08301	82825	84645	
Malin	980	43209	89021	11213	38502	10303	83821	83075	
Belmullet	976	52912	83032	13015	534//	10500	81717	84921	
Birr	965	72903	80016	12413	764//	12501	85714	86636	
Dublin	969	72902	82258	10814	785//	10400	83822	87635	
Shannon	962	82916	82026	13414	885//	10501	84820	86650	
Roches Point	952	83014	81038	13814	884//	10500	81714	84819	88635
Valentia	953	73007	80205	15213	754//	12000	83715	87640	

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97151	002	r.d.r.d.	d.pr.
Hurn	862	03151	000	drd.r.DR	d.d.-d.r.
Manston	797	97190	048	+	r.
Gatwick	776	01180	016	r.r	d.
Kew	775	00180	013	+	+
Heathrow	772	97180	005	r.	r.
Honington	586	97180	009	r.ir.	+
Wattisham	590				
Gorleston	497		005		
Aberporth	502	92141	046	d.r.FFfff	+
Filton	628	08191	018	r.	pr.tl.R
Rhoose	715	97190	057	ir.d.ir.	t.
Hartland Point	703	97150	022		
Mount Batten	827	01171	031	d.r.fr.f	fpr.
St. Mawgan	817	95161	014	d.r.ff	d.
Scilly	804	92160	067	ir.	+
Culdrose	809	91171	013	Fid.	id.
Guernsey	894	01151	008	ir.d.r.ir.f	id.fid.
Elmdon	534	03181	011	r.pr.tl.rtl.R	tl.Rtl.r.
Cardington	559	01171	004	r.	r.t.l.rr.r.
Wittering	462	18171	006	p.r	tlr.tlRr
Watnall	354	06151	012	d.d.rRrr	rrr.pr.
Shawbury	414	07171	040	r.r	+
Finningley	360	03161	014	d.r.d.r.dr	+
Spurn Point	396			ir.id.d.d.	ff
Leeming	257	00180	015	+	+
Tynemouth	262	01151	058	+	ir.pr
Carlisle	222	00170	066	+	+
Valley	302	00161	072	+	+
Ringway	334	03171	057	d.rrd.r.prpr.	+
Squires Gate	318	97171	087	r.	+
Ronaldsway	204	97160	074	+	pr.
Mull of Galloway	131	97160			
Eskdalemuir	162	97170	055	pr.	pr.
Prestwick	135	92160	122	pr.	pr.
Abbotsinch	140	97180	098	pr.	+
Leuchars	171	04181	045	prr	rpr
Dyce	091	04141	027	pHRpr.	pr.
Lerwick	005	02112	010	pr.rrpr.	pr.r.r.
Wick	075	01131	094	+	pr.pr
Sule Skerry	010	01122			
Cape Wrath	049	02112	058	+	pr
Stornoway	026	00141	089	+	+
Benbecula	022	00151	106	+	+
Tiree	100	00150	111	jp	+
Aldergrove	917	97160	042	pr.	+
Malin	980	0115	097		
Belmullet	976	9716	063		
Birr	965	0216	032		
Dublin	969	9117	036		
Shannon	962	9716	011		
Roches Point	952	9715	030		
Valentia	953	9715	007		

OCEAN WEATHER STATION REPORTS at 12h.

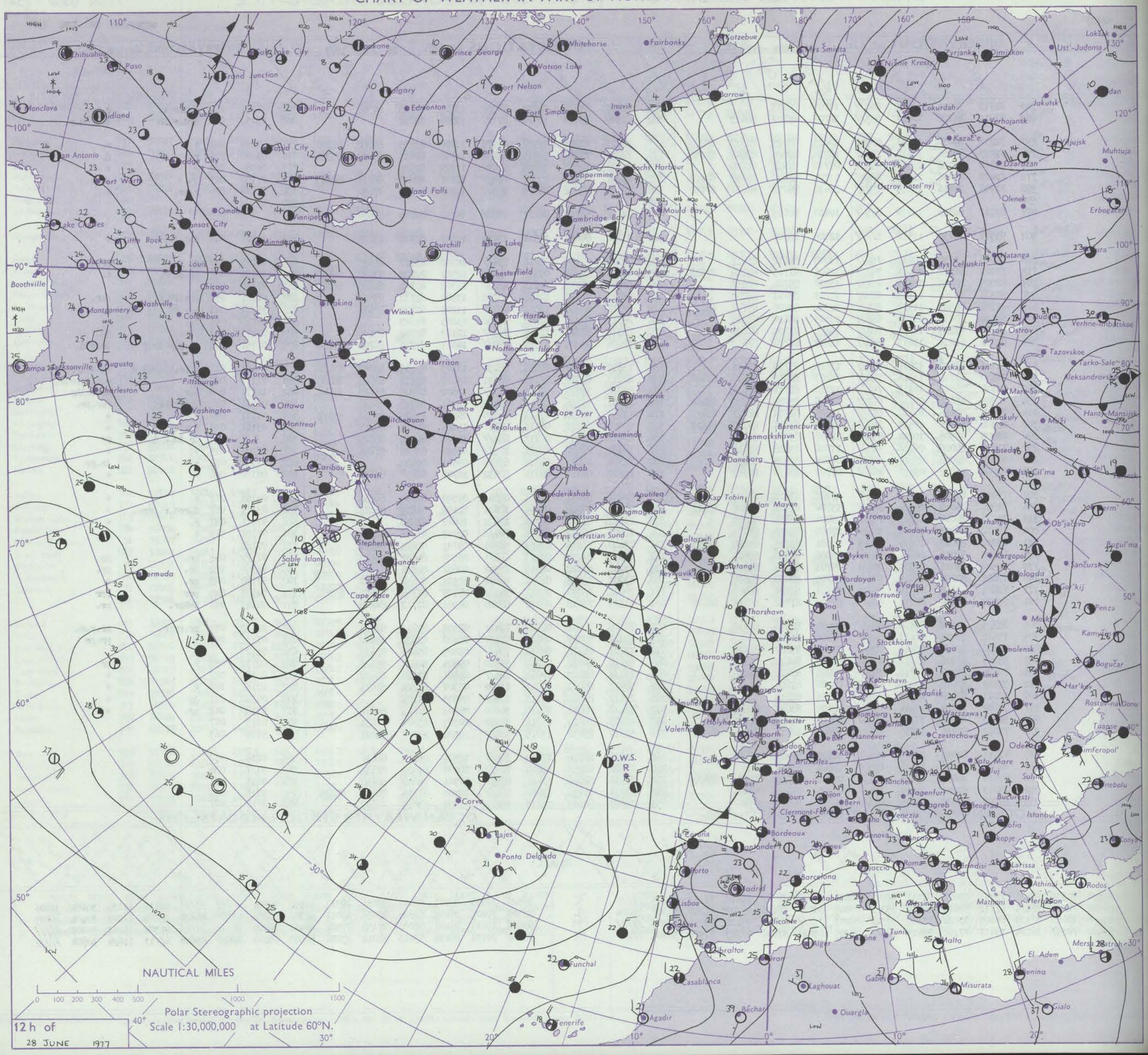
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sV_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28121	72411	98022	21211	60991	00811	/////	/////	00010	11133	30605	/////
L	99569	70206	28124	82712	97616	12610	853//	00805	86709	88620	0//09	11249	30302	26804
M	99660	10012	28124	60605	97022	07308	22542	00203	/////	/////	05102	10852	30201	/////
R	99464	70157	28124	73417	97161	21615	785//	00305	85820	87640	0//13	11574	30804	/////

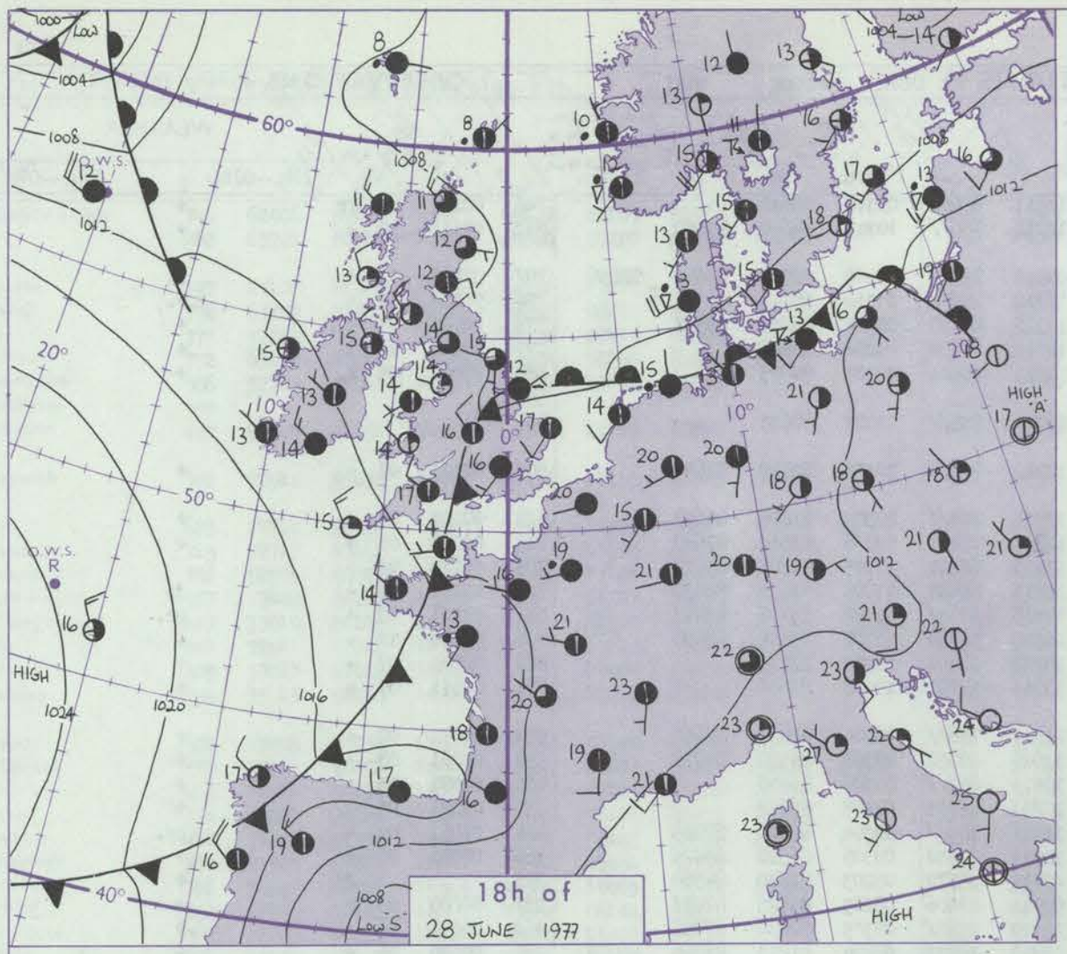
OCEAN WEATHER STATION REPORTS at 18h.

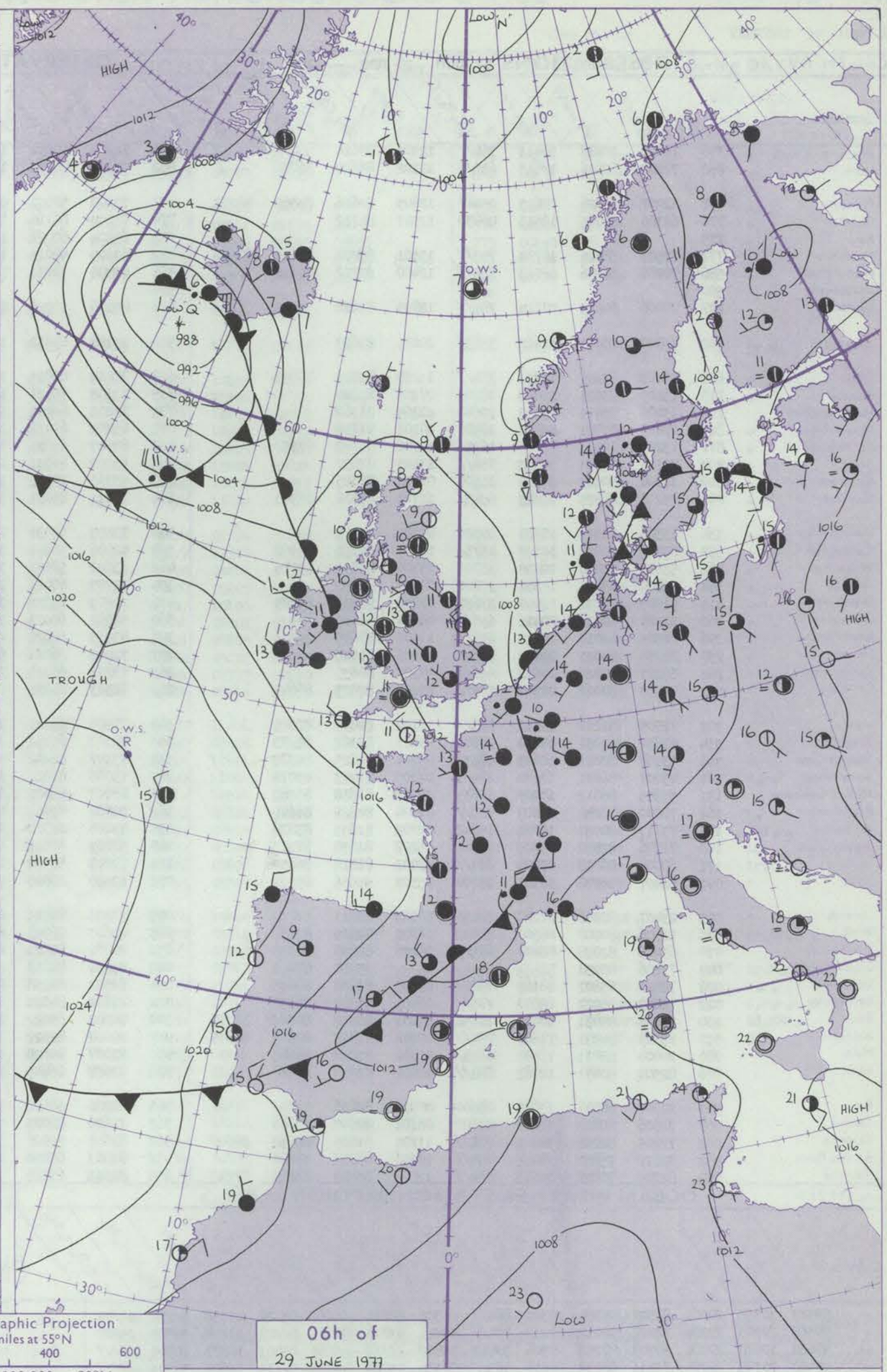
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sV_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28181	52411	98031	20311	11552	00709	/////	/////	00110	11139	30604	31906
L	99569	70205	28184	82822	98036	11011	6537/	00806	83707	86620	0//09	11249	30404	26805
M	99660	10011	28184	70000	97158	07507	69460	00400	/////	/////	05304	10863	30000	/////
R	99462	70151	28184	53415	98012	23016	58500	00209	82820	85640	0//13	11624	30804	/////

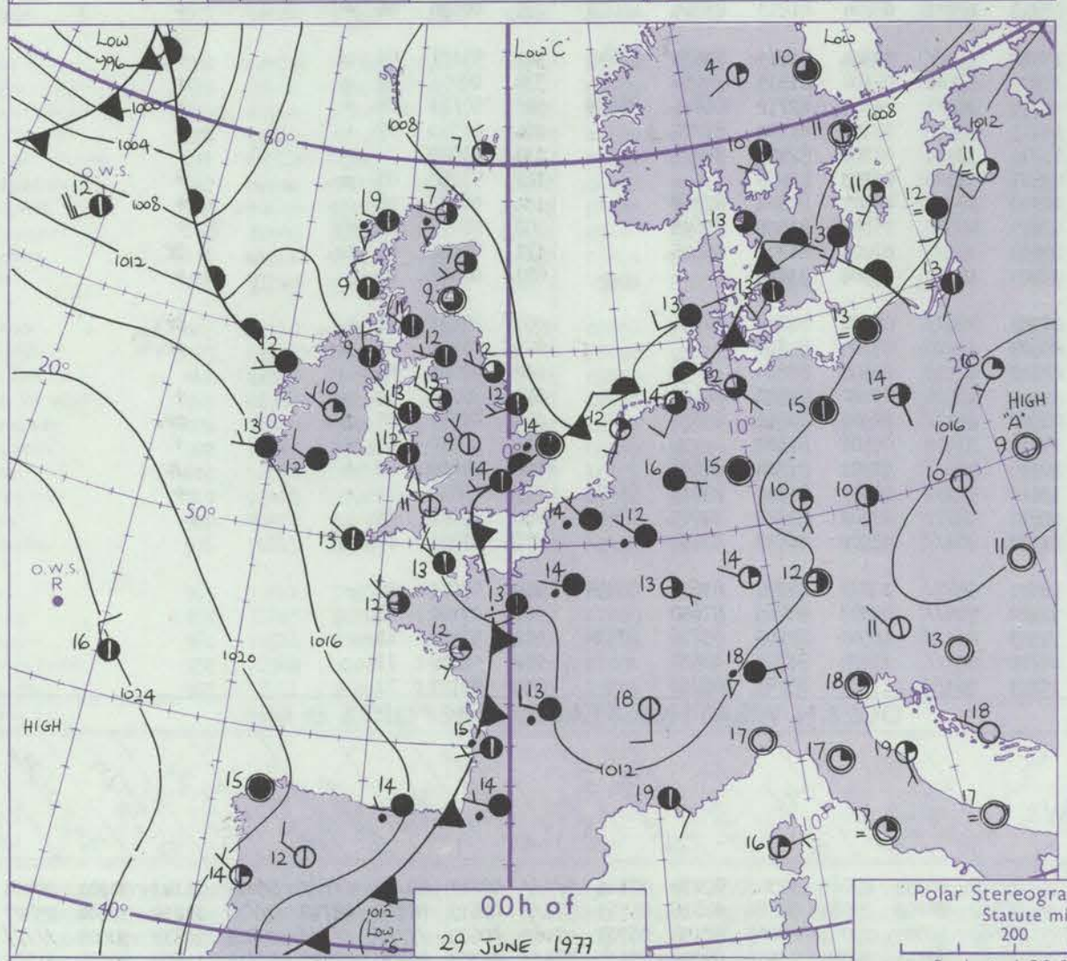
Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 29 JUNE 1977

During the past 24 hours the trough of low pressure over England moved slowly east into the Continent but a weak warm front moved southeast into Ireland. During the next 24 hours a deepening depression southwest of Iceland will move slowly east. Associated frontal troughs will move eastwards into northern districts of the British Isles with only a weak ridge remaining over southwest England.

Code FM 11.V — OBSERVATIONS at 00h. 29 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70000	10288	10413	754//	12304	87614		
Hurn	862	72202	62016	10613	655/1	12102	86620	86070	
Manston	797	82207	65026	09613	25447	12603	82616	84360	88272
Gatwick	776	62306	56105	10513	46430	12501	84712		
Kew	775								
Heathrow	772	72503	58026	10214	753//	13501	83707	85611	87620
Honington	586	70000	56056	09013	754//	12400	82712	86616	
Wattisham	590								
Gorleston	497	70000	64602	08814	755//	12803	87620		
Aberporth	502	72809	70021	12612	7563/	10201	87633		
Filton	628	73403	62019	11213	784//	11210	81818	87640	
Rhoose	715	13105	83021	11609	18501	07208	81820		
Hartland Point	703	13206	75011	13012	10940	11104	81360		
Mount Batten	827	22805	65021	12811	16401	10108	81710		
St. Mawgan	817	73209	70031	13613	1635/	11106	81707	87357	
Scilly	804	73111	80021	15513	756//	13105	87630		
Culdrose	809	13006	80021	14111	15500	09106	81625		
Guernsey	894	73210	66025	11813	6543/	12101	86616	87360	
Elmdon	534	13306	70011	10909	00901	07203	81075		
Cardington	559	63306	60019	10112	4573/	11305	84650	84362	
Wittering	462	53008	58036	10010	35701	08106	83650	83075	
Watnall	354	32804	68011	10310	35701	08204	83650		
Shawbury	414	51905	72031	11007	25631	07204	82635	83075	
Finningley	360	62909	62031	09411	656//	08204	86640		
Spurn Point	396	72505	62014	09412	756//	11501	87635		
Leeming	257	22905	84021	09510	15602	07206	81645		
Tynemouth	262	63207	69028	09612	656//	09107	86635		
Carlisle	222	72903	82022	09312	785//	09206	82825	86645	
Valley	302	72905	81212	11513	756//	10102	84630	87645	
Ringway	334	61802	62031	10610	20941	09001	82362	85075	
Squires Gate	318	53108	80011	10413	18531	09204	81825	84075	
Ronaldsway	204	43207	86011	11110	28401	07103	81713	83075	
Mull of Galloway	131	53315	86012	11009	15635	08207	81630	83360	
Eskdalemuir	162	70000	80252	09409	785//	07304	84825	86640	
Prestwick	135	73111	84031	10011	15642	06002	81635	87078	
Abbotsinch	140	72706	82022	09309	15642	06207	81630	87072	
Leuchars	171	60000	80018	09409	684//	08002	81818	86630	
Dyce	091	52407	86038	09307	15704	05102	81656	85072	
Lerwick	005	23407	80016	07207	28430	06103	81811		
Wick	075	52806	80808	08307	38432	06601	82815	83359	
Sule Skerry	010	63405	82028	08808	685//	06206	82820	86625	
Cape Wrath	049	73206	80258	09010	5357/	09205	85920	87460	
Stornoway	026	72810	65802	10109	784//	08000	83818	87635	
Benbecula	022	73009	86022	10510	785//	06805	81820	86630	
Tiree	100	73408	89031	10909	18556	05001	81820	84365	87270
Aldergrove	917	73503	84031	11809	754//	07306	81712	83625	86645
Malin	980	70000	88011	11509	6853/	07802	81820	86645	
Belmullet	976	82504	80031	12912	854//	10802	83718	87638	
Birr	965	22907	80011	13610	25600	08007	82636		
Dublin	969	32806	80012	12110	35600	08104	82640	83656	
Shannon	962	72805	82216	14212	754//	11701	81715	85630	86640
Roches Point	952	82812	75032	15112	854//	10306	83717	88640	
Valentia	953	82705	70028	15613	884//	12000	83710	83819	87640

OBSERVATIONS at 06h. 29 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72902	68022	11811	65602	09310	86640		
Hurn	862	73205	70032	12012	756//	10213	84640	85650	
Manston	797	73208	58012	09813	754//	10308	82711	84640	87656
Gatwick	776	73202	60216	10912	756//	11310	87645		
Kew	775	63304	60022	11212	45730	08308	84650	83357	
Heathrow	772	63105	58012	10912	65600	09206	86648		
Honington	586	42808	58031	10011	00901	08307	84075		
Wattisham	590								
Gorleston	497	83106	50056	09012	855//	11002	88620		
Aberporth	502	73108	65032	12912	784//	10306	82710	87630	
Filton	628	72604	62011	11911	755//	09305	81628	86657	
Rhoose	715	73003	70031	12211	784/1	09306	81810	87640	
Hartland Point	703	73212	80031	13413	68301	11305	84708	85812	
Mount Batten	827	63403	62151	13813	68431	11308	81710	86630	
St. Mawgan	817	63208	65021	14413	5833/	11307	83707	83813	
Scilly	804	53009	80031	16313	58500	13307	83825	83630	
Culdrose	809	43311	70030	14712	28401	11307	82815		
Guernsey	894	13111	81021	13211	15701	11208	81656		
Elmdon	534	73105	65031	11211	786//	09304	81835	87650	
Cardington	559	42906	56051	11010	20951	09307	82360	84078	
Wittering	462	63009	58021	10511	657//	09306	86650		
Watnall	354	72705	60011	10711	65731	08205	86650		
Shawbury	414	72803	78022	11311	785//	10304	82820	87645	
Finningley	360	52907	68021	10311	12532	09309	81820	85075	
Spurn Point	396	43215	60021	09711	25670	08203	81630	84360	
Leeming	257	72402	86021	09911	18506	08205	81825	87077	
Tynemouth	262	73207	69021	10110	2567/	09305	82630	87358	
Carlisle	222	72503	84022	09810	18472	08204	81819	83365	86075
Valley	302	70000	80021	11812	754//	09304	81711	83614	87645
Ringway	334	72102	62031	11111	68401	09304	81815	86650	
Squires Gate	318	73307	82032	10813	784/1	09303	82712	86645	87075
Ronaldsway	204	73006	86021	11411	28446	08303	81714	87272	
Mull of Galloway	131	63209	86022	11309	38505	08307	82825	86075	
Eskdalemuir	162	30000	82011	09807	35700	06303	83656		
Prestwick	135	53406	87012	10710	18572	06307	81824	83362	
Abbotsinch	140	52605	82012	09610	48570	06303	81822	83645	
Leuchars	171	70000	59402	09610	780//	09205	81700	86625	
Dyce	091	12510	86021	09209	18500	05304	81822		
Lerwick	005	73303	86021	07509	784//	07204	81814	87656	
Wick	075	22603	86028	08608	12470	07205	81818		
Sule Skerry	010	40000	82021	08810	42500	08302	84820		
Cape Wrath	049	43204	84018	09010	48500	07400	82820	84625	
Stornoway	026	62602	84258	09609	684//	08500	82818	85632	
Benbecula	022	21802	84021	09910	28502	08501	81820		
Tiree	100	70000	89022	10510	785//	07301	81824	86657	
Aldergrove	917	70000	82022	11410	48432	09301	81710	83815	86075
Malin	980	72007	89028	10811	48472	09502	81818	84645	87460
Belmullet	976	82608	66605	11712	864//	12502	86717	87638	
Birr	965	82206	66606	12911	6547/	10802	82717	85636	88459
Dublin	969	72606	82021	12210	754//	09303	81715	87650	
Shannon	962	82609	70026	13313	863//	12502	82709	85716	87630
Roches Point	952	82903	65206	14712	854//	10000	83716	88637	
Valentia	953	82912	65215	15113	863//	11500	85707	88715	

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00101	07 ff		+
Hurn	862	00111	10 +		+
Manston	797	97120	11 +		r.
Gatwick	776	91120	11 +		r.
Kew	775	00120	09 +		+
Heathrow	772	00120	10 1		+
Honington	586	97080	05 r.		+
Wattisham	590				
Gorleston	497				
Aberporth	502	00101	07 +		+
Filton	628	00101	04 +		+
Rhoose	715	00080	03 +		+
Hartland Point	703	00120	09		
Mount Batten	827	00101	06 +		jp
St. Mawgan	817	97121	09 +		pr.
Scilly	804	00120	12 +		+
Culdrose	809	00091	07 +		+
Guernsey	894	00111	09 +		+
Elmdon	534	00071	02 +		+
Cardington	559	00061	03 +		+
Wittering	462	00071	05 +		+
Watnall	354	00091	05 +		+
Shawbury	414	97061	02 +		pr.
Finningley	360	00091	06 +		+
Spurn Point	396		ff		+
Leeming	257	00090	05 +		+
Tynemouth	262	00091	06 +		+
Carlisle	222	00090	06 +		+
Valley	302	97101	05 ir.		+
Ringway	334	00091	07 +		+
Squires Gate	318	00111	08 +		+
Ronaldsway	204	00090	07 +		+
Mull of Galloway	131	00080			
Eskdalemuir	162	97050	03 pr.		+
Prestwick	135	00090	08 +		+
Abbotsinch	140	00090	06 +		+
Leuchars	171	97081	06 pr.		jf
Dyce	091	00051	00 +		+
Lerwick	005	97051	02 +		pr.
Wick	075	01041	00 prpr.		pr.
Sule Skerry	010	00061	04		
Cape Wrath	049	96081	06 pr		+
Stornoway	026	02071	05 pr.		pr.
Benbecula	022	00070	51 +		+
Tiree	100	00060	02 +		jp
Aldergrove	917	00090	04 +		+
Malin	980	97091	05		
Belmullet	976	97111	10		
Birr	965	97081	04		
Dublin	969	00100	08		
Shannon	962	97121	11		
Roches Point	952	92110	11		
Valentia	953	92121	11		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	29001	82509	94284	20310	864//	00303	88714	/////	05110	11158	3//04	29/05
L	99569	70203	29004	72427	98012	09212	754//	00811	83710	87625	0//09	11220	30505	25807
M	99660	10010	29004	50703	97252	07306	39462	00802	/////	/////	05403	10887	30000	/////
R	99460	70145	29004	73411	98032	24015	785//	00104	83820	87640	0//13	11607	30803	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	29061	92306	92474	17111	9////	00817	89/05	/////	05011	11142	30201	29904
L	99569	70202	29064	82722	97616	06311	873//	00612	84706	88710	0//10	11210	30404	25807
M	99660	10009	29064	60000	97158	06707	49462	00603	/////	/////	05303	10872	30000	/////
R	99461	70145	29064	73312	98028	23115	785//	00303	81820	87630	0//11	11602	30000	31704

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307–2541

42224 Date of Issue THURSDAY 30 JUNE 1977

Code FM 11.V

OBSERVATIONS at 12h. 29 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62906	84011	13417	686/2	07105	82830	85656	
Hurn	862	63208	80012	14018	64600	09207	83830	86650	
Manston	797	23107	81026	12218	12632	10212	81830		
Gatwick	776	63309	81031	12918	54641	09207	83835	84657	
Kew	775	73206	75031	13218	12661	07110	81840	86359	
Heathrow	772	63108	80011	12919	38662	08108	82840	84362	
Honington	586	52713	75011	11718	42602	07106	84830		
Wattisham	590								
Gorleston	497	80605	56052	11813	855//	11109	88620		
Aberporth	502	72910	85032	14913	78432	11105	81818	87640	
Filton	628	72712	80032	13915	785//	12305	82825	83630	86640
Rhoose	715	72713	83012	14515	784//	11309	82812	87650	
Hartland Point	703	52909	86022	15817	22431	13108	82818	85075	
Mount Batten	827	73408	81022	15816	785//	11207	84825	87633	
St. Mawgan	817	73010	80018	16415	783//	12307	81708	83812	86650
Scilly	804	72911	80022	18316	785//	14210	83821	87630	
Culdrose	809	53013	81018	16416	48530	10004	83820	83359	
Guernsey	894	33013	80010	16215	38401	12214	83810		
Elmdon	534	73008	75032	12517	785/2	07102	84826	86645	
Cardington	559	72906	70151	12817	68532	10107	82820	84828	85360
Wittering	462	72911	80031	12317	786//	09105	83832	87650	
Watnall	354	73004	80021	12415	686/1	06206	83835	86650	
Shawbury	414	73309	81038	12915	58532	09105	82824	84645	87075
Finningley	360	32910	83011	11617	28601	06204	82835		
Spurn Point	396	50808	68031	11915	42661	10003	84830	84360	
Leeming	257	52906	82022	10817	58600	06104	84830	84650	
Tynemouth	262	41008	69021	11114	32630	11000	83830		
Carlisle	222	32609	87021	10917	38601	07001	83832		
Valley	302	62410	82012	13615	3847/	10106	82816	83656	86360
Ringway	334	33011	81011	12616	28631	05306	82830		
Squires Gate	318	22710	86011	13014	18531	10208	81825		
Ronaldsway	204	72010	84022	12913	38432	10106	81714	85359	
Mull of Galloway	131	62110	82012	12313	685//	09202	81825	86630	
Eskdalemuir	162	42204	84021	09916	42602	04101	84833	83075	
Prestwick	135	32610	88021	11515	18572	06103	81827		
Abbotsinch	140	72906	88031	10315	68632	03101	82830	85642	
Leuchars	171	41011	86011	09815	42600	09803	84835		
Dyce	091	73505	89031	09714	786//	05202	85830	86645	
Lerwick	005	32710	84028	08312	33400	07003	81912		
Wick	075	62108	86028	09212	58432	06000	83818	83635	
Sule Skerry	010	22303	84010	09213	22500	08000	82820		
Cape Wrath	049	42704	84021	09310	48500	07400	82820	84625	
Stornoway	026	71917	84031	08613	48582	08707	83822	83635	85070
Benbecula	022	71915	85601	08613	785//	08809	81825	87640	
Tiree	100	81814	86031	10213	58477	10703	81818	84630	85359
Aldergrove	917	72410	82022	11715	784//	09001	81712	84820	86645
Malin	980	72510	89032	11015	6847/	11001	81714	86645	87460
Belmullet	976	72613	68605	13014	7647/	12107	83712	83718	87458
Birr	965	72811	70806	13215	724//	12101	83715	87820	
Dublin	969	72603	70216	12715	764//	11000	83710	85715	87625
Shannon	962	72816	80036	15016	6247/	11209	81717	85820	86458
Roches Point	952	72918	62026	15416	7847/	11001	84812	85634	87458
Valentia	953	52811	75021	17115	52400	13206	85819		

OBSERVATIONS at 18h. 29 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	22911	82011	15017	28600	09206	81835		
Hurn	862	13011	81011	15519	18600	09207	81835		
Manston	797	73205	70031	14018	757//	09309	84650	87657	
Gatwick	776	72806	83031	14917	746//	09211	81835	86650	
Kew	775	82707	81022	14917	856//	07309	85645	88656	
Heathrow	772	82707	82022	14517	886//	09208	81835	85645	88650
Honington	586	73007	75022	13617	786//	07306	81835	87656	
Wattisham	590								
Gorleston	497	51404	60012	13814	555//	11106	85625		
Aberporth	502	72516	80022	15115	7843/	11601	81818	87640	
Filton	628	42811	84011	15716	48631	10209	81830	83640	
Rhoose	715	72713	75032	16015	58331	12206	81708	85650	
Hartland Point	703	62810	83028	16915	48431	12103	82818	84650	86360
Mount Batten	827	52910	82012	17117	48530	12205	82820	83635	
St. Mawgan	817	72711	80032	17915	6823/	12205	82705	84812	
Scilly	804	33013	80021	19616	32500	13103	83821		
Culdrose	809	62914	75022	18116	68400	12206	84818		
Guernsey	894	72712	80031	18214	783//	12207	82706	86645	
Elmdon	534	72907	75022	14016	786//	08204	81835	87645	
Cardington	559	72706	75028	14516	786//	12209	81830	87640	
Wittering	462	52706	80031	13616	58600	09204	82832	83650	
Watnall	354	52509	82011	13716	55600	08205	81640	85650	
Shawbury	414	72513	84022	13915	6854/	10103	81825	83635	86650
Finningley	360	32709	84031	12817	24641	06207	81835		
Spurn Point	396	22812	75011	13017	12571	07205	81825		
Leeming	257	42714	86031	11917	18644	05207	81845	84075	
Tynemouth	262	42710	80020	11617	22641	07307	82830		
Carlisle	222	72509	83031	12015	58651	09206	81835	85650	85362
Valley	302	72013	75022	14114	782//	11801	81705	87645	
Ringway	334	42811	82011	13616	48600	08205	82830	83650	
Squires Gate	318	32611	88011	13615	18431	10101	81818		
Ronaldsway	204	72015	70032	12913	752//	11001	81704	87645	
Mull of Galloway	131	82320	81032	11713	5851/	12804	81825	85640	88460
Eskdalemuir	162	82014	82031	11014	686/2	08304	84832	85645	
Prestwick	135	72508	81031	11115	3457/	08803	81628	83645	86360
Abbotsinch	140	72311	80152	10315	5867/	08601	81832	85636	87359
Leuchars	171	72312	86031	09216	22632	05606	82845	83362	86075
Dyce	091	61512	86032	09013	28645	08805	81830	85075	
Lerwick	005	32408	89010	08512	23401	10400	81912		
Wick	075	71611	82038	07911	48532	08712	81825	84640	85360
Sule Skerry	010	62007	84801	07511	685//	08710	82820	86625	
Cape Wrath	049	82304	64616	06811	874//	08713	88710		
Stornoway	026	81815	64216	05911	852//	11716	83705	84615	88625
Benbecula	022	72117	75026	06413	25532	11712	81623	86365	
Tiree	100	72418	75016	08914	11538	11705	81820	87272	
Aldergrove	917	73108	70206	12014	5527/	11307	81704	85626	87459
Malin	980	72517	82012	11014	38478	10001	81715	83820	86270
Belmullet	976	82317	62606	13014	6647/	11804	85718	84638	87460
Birr	965	72713	82028	14916	585/5	09111	82822	84636	85270
Dublin	969	72807	80258	13515	735//	13210	83920	81920	87630
Shannon	962	72715	82032	16215	6253/	12204	86823	84365	
Roches Point	952	72813	68032	16517	18436	10209	81816	87272	
Valentia	953	82611	66021	18415	854//	12303	83714	88637	

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00181	063	+	+
Hurn	862	00191	085	+	+
Manston	797	00190	056	+	+
Gatwick	776	00200	047	+	+
Kew	775	00190	061	+	+
Heathrow	772	00200	046	+	+
Honington	586	00200	092	+	+
Wattisham	590				
Gorleston	497		017		
Aberporth	502	92151	037	+	pr.d.
Filton	628	00181	046	+	+
Rhoose	715	00170	045	+	+
Hartland Point	703	97170	070		
Mount Batten	827	00180	044	+	+
St. Mawgan	817	00161	040	+	+
Scilly	804	00170	063	+	+
Culdrose	809	97170	102	pr.	+
Guernsey	894	00161	131	+	+
Elmdon	534	00170	022	+	+
Cardington	559	97190	059	pr.	+
Wittering	462	00181	055	+	+
Watnall	354	00181	060	+	+
Shawbury	414	00171	028	jp	+
Finningley	360	00191	136	+	+
Spurn Point	396			+	+
Leeming	257	00190	097	+	+
Tynemouth	262	00170	105	+	+
Carlisle	222	00170	101	+	+
Valley	302	97151	040	+	ir.
Ringway	334	00170	121	+	+
Squires Gate	318	00160	110	+	+
Ronaldsway	204	01161	042	+	d.r.R
Mull of Galloway	131	01151			
Eskdalemuir	162	97180	093	+	r.
Prestwick	135	94161	092	+	r.d.r.
Abbotsinch	140	91181	088	+	ir.
Leuchars	171	97170	080	+	ir.
Dyce	091	00161	103	+	+
Lerwick	005	97130	105	pr.	+
Wick	075	92131	070	pr.	pr.ir.
Sule Skerry	010	01142			
Cape Wrath	049	01122	092	+	ir.r.r.
Stornoway	026	93141	026	ir.r.r.	r.r.
Benbecula	022	02141	050	ir.d.r.	d.r.r.r.rr
Tiree	100	01151	036	ir.id.	id.rRr.
Aldergrove	917	97170	009	r.	r.d.
Malin	980	0016	018		
Belmullet	976	9116	031		
Birr	965	0217	027		
Dublin	969	0417	009		
Shannon	962	9518	032		
Roches Point	952	9718	055		
Valentia	953	0016	046		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

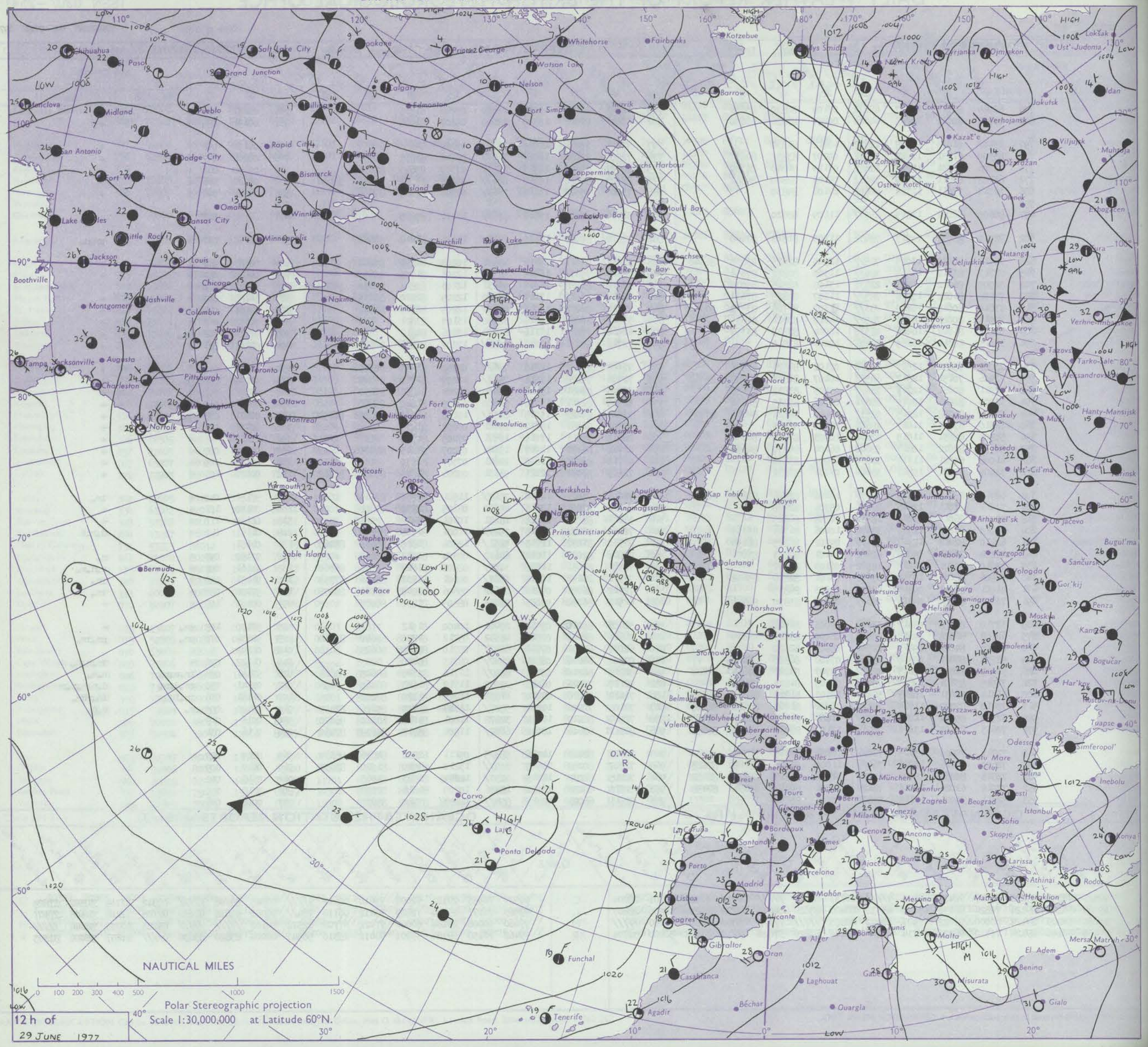
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	29121	91307	92478	12212	9////	00737	89/07	/////	00212	11122	30201	28904
L	99569	70200	29124	72824	98036	07110	45532	00400	83620	84635	0//04	11234	30505	28807
M	99660	10009	29124	60000	97022	07307	22442	00203	/////	/////	05302	10906	30000	/////
R	99460	70146	29124	73410	98022	24714	785//	00106	81820	87626	0//11	11608	30000	31704

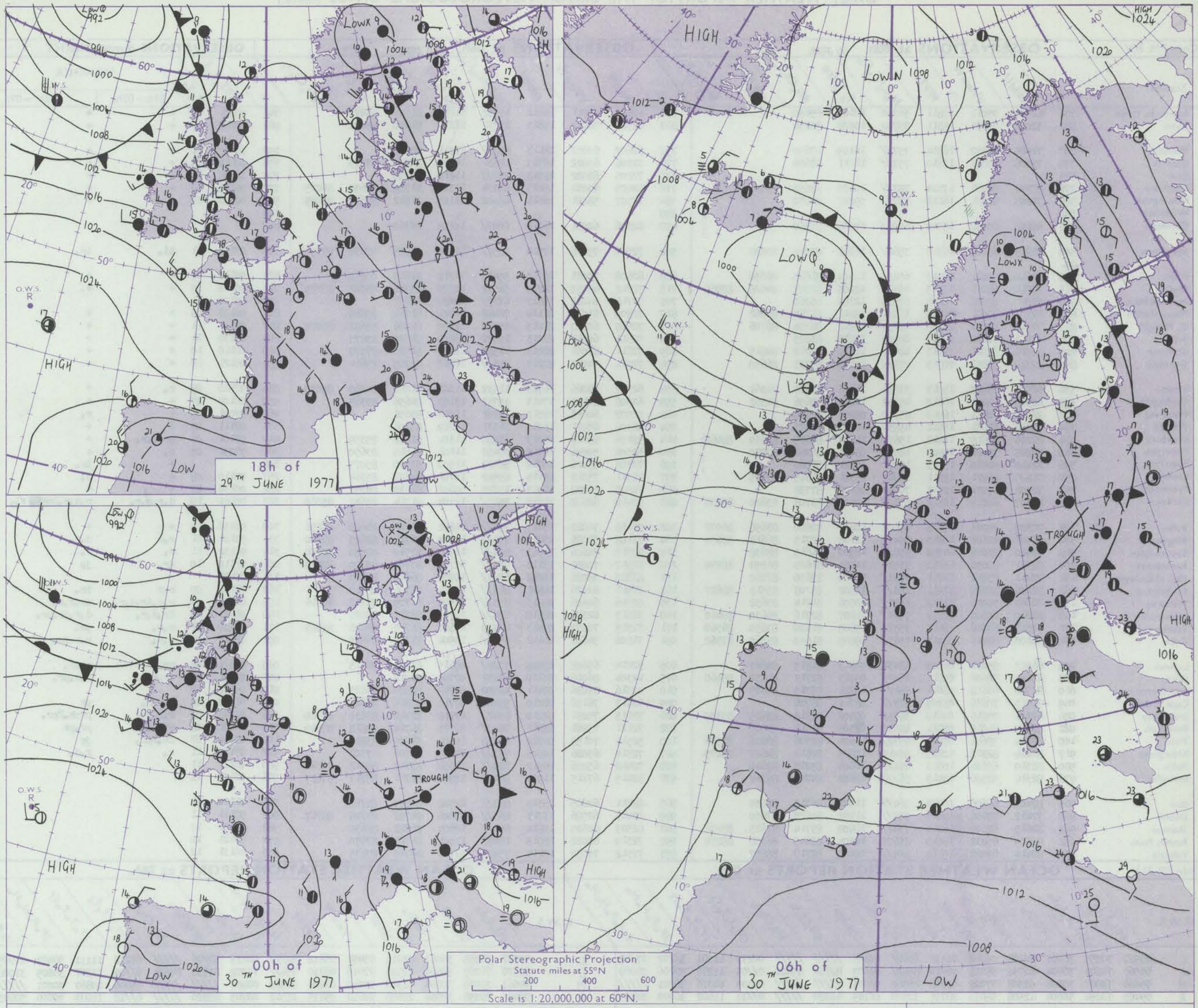
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	29181	92008	93616	02612	9////	00745	89/08	/////	00312	11114	30302	17803
L	99569	70197	29184	72829	98012	06110	784//	00001	83818	87630	0//05	11218	30605	27907
M	99660	10008	29184	60000	97022	07708	22572	00102	/////	/////	05203	10933	30000	/////-
R	99462	70150	29184	59901	98012	25316	58541	00004	83820	83630	0////	11657	30000	31803

Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 30 JUNE 1977

A depression has moved slowly east south of Iceland and has filled somewhat while shallow lows have persisted over Scandinavia and Spain. A ridge of high pressure has remained from the Azores to France. Pressure has fallen markedly in the central north Atlantic. During the next 24 hours the low south of Iceland will move away northeast and continue to fill. The associated cold front will return across northern Britain as a warm front. The developing low in mid-Atlantic will move east with considerable troughing northeastwards and associated fronts will move into western and northern districts of the British Isles. The belt of high pressure from the Azores to western Europe will persist.

Code FM 11.V

OBSERVATIONS at 00h. 30 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62506	75011	17811	55730	10107	85650		
Hurn	862	52002	75031	18311	55700	10208	85656		
Manston	797	72405	65022	16814	757//	11109	87650		
Gatwick	776	72206	70031	17612	757//	11111	87650		
Kew	775								
Heathrow	772	72706	66021	17114	757//	10109	87650		
Honington	586	72205	60031	16112	757//	09207	87650		
Wattisham	590								
Gorleston	497	62406	60032	15713	6097/	10206	86360		
Aberporth	502	72815	65018	17313	3562/	10212	83640	87458	
	~~27~~								
Filton	628	62610	70011	17313	65400	12004	81615	86650	
Rhoose	715	72710	68011	17413	4537/	12003	82707	84628	87360
Hartland Point	703	63012	78022	19113	60930	12312	86360		
Mount Batten	827	42705	70021	20113	16431	12211	81714	83362	
St. Mawgan	817	72811	60031	20313	762//	12211	84704	86706	
Scilly	804	33013	70021	22313	00902	13212	83075		
Culdrose	809	42911	62011	21013	42400	11210	82710	84815	
Guernsey	894	72710	70031	20713	752//	12212	83703	86650	
Elmdon	534	62508	75022	15913	35531	11106	83623	84362	
Cardington	559	62509	68012	16612	45832	11208	84656	84362	
Wittering	462	22705	70011	16010	25700	08206	82650		
Watnall	354	52204	68031	15611	45531	10104	84623		
Shawbury	414	82206	68618	15412	1567/	11104	81635	84359	88462
Finningley	360	72205	70021	14409	10942	08001	81362	87080	
Spurn Point	396	22410	80020	15213	10941	08221	81360		
Leeming	257	71204	86021	13311	15642	08301	81645	87075	
Tynemouth	262	72302	69021	12713	7094/	09102	87358		
Carlisle	222	82307	60215	12312	853//	12802	83708	85620	88638
Valley	302	72309	70026	15613	45502	10207	82620	83656	86072
Ringway	334	81907	62601	15013	854//	12103	82715	86618	88650
Squires Gate	318	82910	70016	14314	854//	12500	81615	88638	
Ronaldsway	204	82311	80036	13712	25537	11104	81625	86358	88270
Mull of Galloway	131	72411	83016	12711	3563/	10000	83630	87360	
Eskdalemuir	162	82106	58216	11911	883//	10502	85708	85818	88627
Prestwick	135	72008	70016	11212	6547/	10806	81714	85632	
Abbotsinch	140	82210	60606	10112	7542/	11807	82716	86630	88460
Leuchars	171	72312	65016	09412	35572	09805	81620	83650	86360
Dyce	091	72108	80216	08011	1567/	09805	81640	83360	87362
Lerwick	005	61913	89021	06809	48431	08813	81815	84627	
Wick	075	82112	70606	05811	4547/	09713	82712	84630	88460
Sule Skerry	010	81720	66608	03611	854//	10721	85715	88625	
Cape Wrath	049	82313	70636	03709	873//	08714	88706		
Stornoway	026	62106	75216	04610	3843/	09302	82818	83625	85359
Benbecula	022	52415	81016	05811	48430	08305	81818	84645	
Tiree	100	82514	58646	07912	6532/	11604	82706	86626	88556
Aldergrove	917	82414	82212	12213	55417	10805	82614	84627	88275
Malin	980	82319	65606	10613	864//	11604	85715	88640	
Belmullet	976	82316	57586	13013	863//	12602	84709	88714	
Birr	965	82409	66606	16013	864//	11001	86715	88630	
Dublin	969	72412	75606	14913	755//	11102	84625	87650	
Shannon	962	82615	62606	16814	7547/	11400	83714	87625	88458
Roches Point	952	82609	65032	18613	25677	10206	82645	86358	88270
Valentia	953	82414	68022	19114	854//	12400	82717	88637	

OBSERVATIONS at 06h. 30 JUNE 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62608	70011	18912	15632	11110	81645	86072	
Hurn	862	62506	70012	19613	15732	11211	81650	85070	
Manston	797	82607	62032	18113	857//	11311	88650		
Gatwick	776	72206	65022	18713	18531	11210	81820	87075	
Kew	775	72205	68022	18713	757//	11210	87650		
Heathrow	772	72405	64031	18413	65334	11311	81709	86650	86075
Honington	586	72307	58021	16614	68402	11103	81812	86656	87075
Wattisham	590								
Gorleston	497	62306	62031	16714	6097/	10208	86360		
Aberporth	502	72516	75016	17513	3857/	11400	81825	83650	87359
Filton	628	62608	70031	18713	55432	11212	81618	85650	
Rhoose	715	72712	68032	18713	56372	12309	85708	85362	87075
Hartland Point	703	72718	64022	19813	6737/	12107	86707		
Mount Batten	827	72809	65031	21114	78442	12211	81714	85818	
St. Mawgan	817	72609	60012	21413	55372	12209	84706	85622	87075
Scilly	804	52811	60011	23213	12572	13209	81820	85075	
Culdrose	809	72811	63051	22013	11532	12209	81820	87070	
Guernsey	894	72911	74022	22213	753//	11213	82709	87614	
Elmdon	534	62507	68026	16713	11432	11308	81814	84360	85075
Cardington	559	62608	38102	17413	45732	13108	84656	83365	
Wittering	462	52507	60016	16512	35701	11206	83656		
Watnall	354	42308	65011	16013	31331	11209	83808		
Shawbury	414	52106	68016	16013	18530	11304	81822	85359	
Finningley	360	52306	59046	14712	35432	11106	81618	83650	
Spurn Point	396	72308	58016	15012	50972	11500	85360	85075	
Leeming	257	72311	75012	13114	45542	10701	84622	85364	
Tynemouth	262	72008	80022	11913	15678	09602	81630	86358	
Carlisle	222	72410	62602	11513	5547/	11704	81714	83622	85360
Valley	302	72118	70022	15413	754//	11602	81618	86620	87656
Ringway	334	72108	58026	15413	754//	11304	81715	83625	87640
Squires Gate	318	82317	70606	14313	854//	12500	82710	83620	88630
Ronaldsway	204	72317	70022	13113	753//	12704	83707	85710	87620
Mull of Galloway	131	82325	78026	11212	6552/	10708	86625	88460	
Eskdalemuir	162	81911	62026	10611	863//	09704	86706	88710	
Prestwick	135	82316	64606	09813	853//	11505	81709	83712	86616
Abbotsinch	140	72313	62216	08512	754//	11706	82715	85620	
Leuchars	171	72315	70032	07413	48479	10607	81712	84616	85365
Dyce	091	71806	56606	06112	6543/	10506	81715	86620	
Lerwick	005	82414	65608	03009	7727/	09615	83705	86715	
Wick	075	12304	86016	04110	18432	07706	81818		
Sule Skerry	010	42316	74036	02411	48500	09712	82820	84625	
Cape Wrath	049	62413	76156	02210	58401	07716	83815	85620	
Stornoway	026	72115	75031	02210	4547/	07718	82710	83630	87360
Benbecula	022	72121	75801	03312	784//	07723	81714	83818	87640
Tiree	100	52511	70158	06712	48330	10604	81709	83816	
Aldergrove	917	72314	65026	10913	763//	11609	83706	87708	
Malin	980	72418	65806	08912	784//	11606	83712	86818	86640
Belmullet	976	82415	67215	11913	864//	12502	81711	85717	87637
Birr	965	82411	62605	15313	863//	12502	84709	88715	
Dublin	969	82415	62586	13713	863//	12606	84707	87709	88717
Shannon	962	82523	62605	15814	864//	12604	86712	88630	
Roches Point	952	72319	62022	18013	16472	11001	81715	87070	
Valentia	953	72312	70032	18114	754//	12705	84715	87635	

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00091	05	+	+
Hurn	862	00110	07	+	+
Manston	797	00130	11	+	+
Gatwick	776	00110	08	+	+
Kew	775	00110	05	+	+
Heathrow	772	00120	09	+	+
Honington	586	00100	07	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	97121	11	id.	ir.
Filton	628	00110	09	+	+
Rhoose	715	00110	08	+	+
Hartland Point	703	00120	11		
Mount Batten	827	00120	09	+	+
St. Mawgan	817	00131	11	+	+
Scilly	804	00130	11	+	+
Culdrose	809	00110	10	+	+
Guernsey	894	00121	10	+	+
Elmdon	534	97120	08	r.	+
Cardington	559	00100	07	+	+
Wittering	462	97091	05	+	r.
Watnall	354	00111	08	+	+
Shawbury	414	93101	06	pr.r.r.	+
Finningley	360	97091	05	r.	+
Spurn Point	396			+	ir.
Leeming	257	97110	08	+	d.
Tynemouth	262	00130	09	+	+
Carlisle	222	00121	10	d.r.d.r.	r.d.r.drd[redacted]r.
Valley	302	00130	11	+	+
Ringway	334	94121	11	r.r	d.r.
Squires Gate	318	91131	11	r.	r.
Ronaldsway	204	91110	10	ir.	jp
Mull of Galloway	131	92101			
Eskdalemuir	162	01101	09	r.r	ir.
Prestwick	135	01111	09	r.r.ir.d.r.	ir.r.r.
Abbotsinch	140	01121	10	ir.d.r.	d.r.ir.pr.
Leuchars	171	97120	11	r.r.	pr.
Dyce	091	01111	09	r.r.	r.r.ir.
Lerwick	005	05071	05	pr.	rrir.
Wick	075	02091	07	ir.r.r.	r.r.pr.
Sule Skerry	010	05072	08		
Cape Wrath	049	06082	08	rrr.r.	pr
Stornoway	026	08072	03	r.r.rir	prph.Rpr.
Benbecula	022	05091	08	rr.r.	pr.pr
Tiree	100	03091	07	ir.Rpr.	jp
Aldergrove	917	97120	11	r.	r.d.
Malin	980	02121	11		
Belmullet	976	02131	12		
Birr	965	01120	11		
Dublin	969	97121	11		
Shannon	962	92131	12		
Roches Point	952	00121	12		
Valentia	953	00131	12		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	30001	82108	96288	01112	8092/	00808	/////	/////	00212	11101	3//02	17/03
L	99569	70200	30004	82731	98021	06910	854//	61003	82710	85622	0//05	11205	30706	28009
M	99660	10007	30004	61308	97022	07908	48562	00201	/////	/////	05105	10916	30201	/////
R	99463	70154	30004	12508	98011	26715	11500	00105	81820	/////	0//11	11602	30000	30803

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	30061	92011	93458	96612	9////	00723	89/06	/////	00212	11111	30403	21905
L	99570	70203	30064	72920	97016	06810	754//	71302	81710	87625	0//04	11207	30605	31008
M	99661	10006	30064	61310	97152	08208	29562	00400	/////	/////	05006	10889	30201	/////
R	99465	70158	30064	22608	98010	25415	22502	00703	82820	/////	0//12	11603	30000	30803

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Brac